

DSC\_0056\_0430.JPG sharpen

Examples (<http://www.wolframalpha.com/examples/?src=input>) Random

Result:



[Enable interactivity](#)

Original image:



[Enable interactivity](#)

Download page

POWERED BY THE WOLFRAM LANGUAGE (<http://www.wolfram.com/language/>)

Primary source: Wolfram|Alpha Knowledgebase, 2016

External source:

Note

This list is intended as a guide to sources of further information. The inclusion of an item in this list does not necessarily mean that its content was used as the basis for any specific Wolfram|Alpha result.

Requests by researchers for detailed information on the sources for individual Wolfram|Alpha results can be directed here (). Requests will be handled on the basis of priority, importance and available resources.

[Financial data provided by Morningstar (<http://www.morningstar.com/>). Market quotes provided by Xignite (<http://www.xignite.com/>). More » ()]

To open this file you need the FREE Wolfram CDF Player or Mathematica

[Download Wolfram CDF Player \(http://wolfram.com/cdf-player/\)](http://wolfram.com/cdf-player/)

[Continue downloading file](#)

WOLFRAM|ALPHA

VIDEO CONTEST

Cash awards

Badges to SXSW 2017

Lifetime subscriptions to Wolfram|Alpha Pro

Wolfram|Alpha internships

And more!

Enter to win

Discuss Wolfram|Alpha on Wolfram Community » (<http://community.wolfram.com/content?curTag=wolfram%20alpha>)

Take Wolfram|Alpha anywhere...



(<http://products.wolframalpha.com>)



(<http://www.wolframalpha.com>)



(<http://products.wolframalpha.com>)

Give us your feedback:

[Pro](http://www.wolframalpha.com/pro?src=footer) |

[Mobile Apps](http://products.wolframalpha.com/mobile/) |

[Products](http://products.wolframalpha.com/) |

[Business Solutions](http://products.wolframalpha.com/business/) |







[For Developers](http://products.wolframalpha.com/developers/) |

[About](http://www.wolframalpha.com/about.html)

[Resources & Tools](http://www.wolframalpha.com/resources/) |

[Blog](http://blog.wolfram.com/category/wolframalpha/) |

[Community](http://community.wolframalpha.com/) |

[Contact](http://www.wolframalpha.com/contact.html) | Connect      

[\(http://www.wolframalpha.com/social/\)](http://www.wolframalpha.com/social/)


©2016 Wolfram Alpha LLC |

[Terms](#)

<http://www.wolframalpha.com/termsfuse.html> |

[Privacy](#)

<http://www.wolframalpha.com/privacypolicy.html>

 **WOLFRAM** (<http://www.wolfram.com>) [wolfram.com](http://www.wolfram.com) (<http://www.wolfram.com/>) | [Mathematica](http://www.wolfram.com/mathematica/) (<http://www.wolfram.com/mathematica/>) |

[Wolfram Demonstrations](http://demonstrations.wolfram.com/) (<http://demonstrations.wolfram.com/>) | [MathWorld](http://mathworld.wolfram.com/) (<http://mathworld.wolfram.com/>) |

[Wolfram Language](http://www.wolfram.com/language/) (<http://www.wolfram.com/language/>) | [Wolfram for Education](http://www.wolfram.com/education/) (<http://www.wolfram.com/education/>)