

Converting Colors

CIELCh(56, 93.235, 327.862)

Have a look what the booklet for
CIELCh(56, 93.235, 327.862)
contains.

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Color

CIELCh(56, 93.175, 327.869)

Conversions

Conversions Part 1

Format	Color
Hex	DE3BDE
RGB	222, 59, 222
RGB Percent	87%, 23%, 87%
CMY	0.1296, 0.7689, 0.1296
CMYK	0.00, 0.73, 0.00, 0.13
HSL	300°, 71%, 55%
HSV	300°, 73%, 87%
XYZ	44.8445, 23.9124, 71.3218
YIQ	126.3190, 44.8250, 85.2490

Conversions

Conversions Part 2

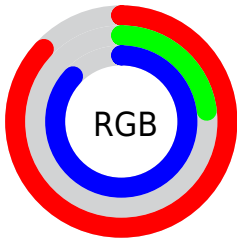
Format	Color
R _Y B	222, 59, 222
Decimal	14564318
CIE Lab	56.00, 78.90, -49.56
CIE LCh	56, 93.175, 327.869
Yxy	23.9124, 0.3201, 0.1707
Android (android.graphics.Color)	4292754398 (0xFFDE3BDE)
YUV	126.3190, 47.1707, 83.9122
Hunter-Lab	48.9003, 78.1197, -52.2450

Details

The CIELCh color **56, 93.175, 327.869** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **78, 95.120, 137.715**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.575, 327.155**, and **39, 83.869, 327.525** is the 20% darker color. If you saturate the color by 10%, you get **54, 99.341, 328.076**, and if you desaturate by 10%, it is **59, 84.456, 327.571**.

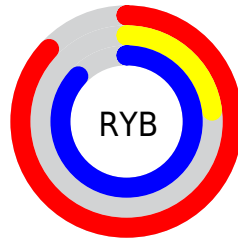
Distribution



Red (87%)

Green (23%)

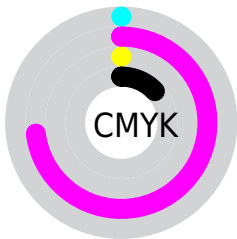
Blue (87%)



Red (87%)

Yellow (23%)

Blue (87%)

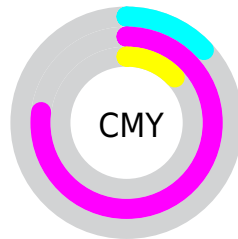


Cyan (0%)

Magenta (73%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (77%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 93.175, 327.869 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 93.175, 327.869 by changing the saturation by 10% instead.


 56, 93.175,
327.869


 56, 93.175,
327.869


 100, 93.175,
327.869


 46, 93.175,
327.869


 76, 93.175,
327.869

 36, 93.175,
327.869

 86, 93.175,
327.869

 26, 93.175,
327.869

 96, 93.175,
327.869

 16, 93.175,
327.869

 6, 93.175, 327.869

 0, 93.175, 327.869

56, 93.175,
327.869

56, 93.175,
327.869

54, 99.341,
328.076

59, 84.456,
327.571

53, 102.850,
328.192

62, 73.596,
327.192

53, 104.061,
328.232

66, 61.133,
326.745

71, 47.611,
326.247

76, 33.502,
325.716

81, 19.172,
325.165

87, 4.886, 324.573

92, 9.182, 144.119

■ 97, 20.661,
143.661

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 93.175, 327.869



78, 95.120, 137.715

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 93.175, 327.869



56, 93.175, 17.869



56, 93.175, 147.869



56, 93.175, 197.869

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 93.172, 327.869



87, 35.186, 325.647



37, 95.733, 302.152



44, 23.638, 325.795



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 93.172, 327.869



61, 112.725, 328.147



53, 69.056, 352.379



44, 8.154, 324.939



42, 87.490, 328.232



8, 35.926, 328.228

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51, 73.169, 31.706



54, 97.084, 37.090



79, 66.985, 153.672



44, 4.728, 19.931



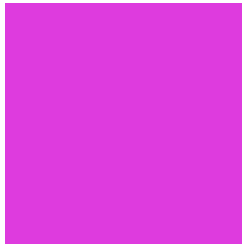
36, 79.112, 39.952



6, 25.541, 20.937

Previews

White Background



This preview shows how the CIELCh color 56, 93.175, 327.869 looks on a white background.

Color Contrast Check

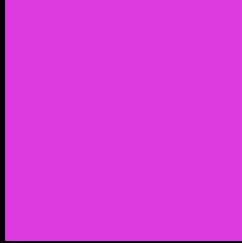
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 56, 93.175, 327.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

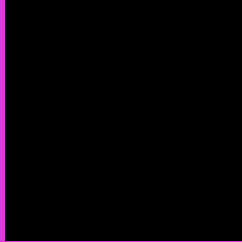
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 93.175, 327.869

Background



This preview shows how black text looks on a background with the CIELCh color 56, 93.175, 327.869.

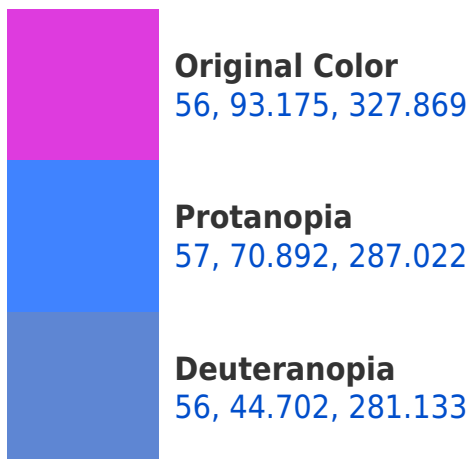


This preview shows how white text looks on a background with the CIELCh color 56, 93.175, 327.869.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
56, 46.739, 20.953

Trichromacy



Original Color
56, 93.175, 327.869



Protanomaly
53, 79.328, 301.598



Deuteranomaly
53, 63.028, 306.058



Tritanomaly
55, 57.643, 350.993

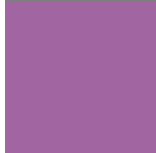
Monochromacy



Original Color
56, 93.175, 327.869



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 40.094, 326.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 93.175, 327.869 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 59, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 59, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 59, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 59, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 93.175, 327.869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 59, 222) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(222, 59, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(222, 59, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 59, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 59, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 59,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 93.175, 327.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 59, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222, 59,  
222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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