

Converting Colors

CIELCh(56, 78.852, 327.504)

Have a look what the booklet for
CIELCh(56, 78.852, 327.504)
contains.

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Color

CIELCh(56, 78.852, 327.504)

Conversions

Conversions Part 1

Format	Color
Hex	D150D1
RGB	209, 80, 209
RGB Percent	82%, 31%, 82%
CMY	0.1802, 0.6861, 0.1802
CMYK	0.00, 0.62, 0.00, 0.18
HSL	300°, 58%, 57%
HSV	300°, 62%, 82%
XYZ	40.6946, 23.9124, 62.8226
YIQ	133.2770, 35.4750, 67.4670

Conversions

Conversions Part 2

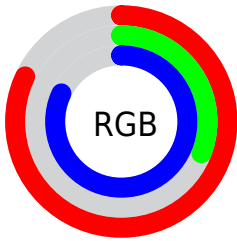
Format	Color
R _{YB}	209, 80, 209
Decimal	13717713
CIE Lab	56.00, 66.51, -42.36
CIE LCh	56, 78.852, 327.504
Yxy	23.9124, 0.3193, 0.1877
Android (android.graphics.Color)	4291907793 (0xFFD150D1)
YUV	133.2770, 37.3314, 66.4091
Hunter-Lab	48.9003, 62.9713, -41.9401

Details

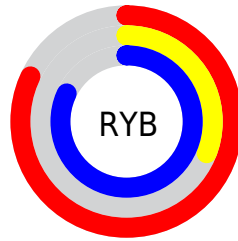
The CIELCh color **56, 78.852, 327.504** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **75, 79.786, 139.035**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 72.463, 326.894**, and **36, 78.948, 327.452** is the 20% darker color. If you saturate the color by 10%, you get **53, 87.593, 327.818**, and if you desaturate by 10%, it is **59, 68.166, 327.111**.

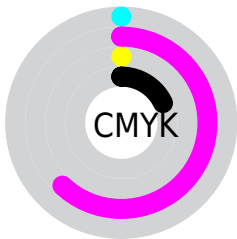
Distribution



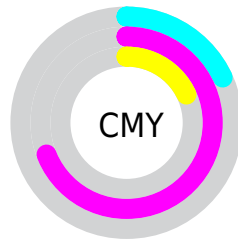
- Red (82%)
- Green (31%)
- Blue (82%)



- Red (82%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (69%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 78.852, 327.504 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, 78.852, 327.504 by changing the saturation by 10% instead.

 56, 78.852,
327.504

 56, 78.852,
327.504

 100, 78.852,
327.504


 46, 78.852,
327.504


 76, 78.852,
327.504

 36, 78.852,
327.504

 86, 78.852,
327.504

 26, 78.852,
327.504

 96, 78.852,
327.504

 16, 78.852,
327.504

 6, 78.852, 327.504

 0, 78.852, 327.504

56, 78.852,
327.504

56, 78.852,
327.504

53, 87.593,
327.818

59, 68.166,
327.111

51, 93.979,
328.043

63, 56.063,
326.655

50, 97.832,
328.176

68, 43.046,
326.152

50, 99.484,
328.233

73, 29.545,
325.618

78, 15.888,
325.066

83, 2.306, 324.420

88, 11.046,
144.022

94, 24.073,
143.487

■ 96, 28.783,
143.298

Harmonies

Complementary

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



56, 78.852, 327.504



75, 79.786, 139.035

Rectangle

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



56, 78.852, 327.504



56, 78.852, 17.504



56, 78.852, 147.504



56, 78.852, 197.504

Sweetspot

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



56, 78.850, 327.504



88, 30.379, 325.482



41, 77.047, 299.983



45, 20.914, 325.640



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, 78.850, 327.504



64, 104.395, 327.898



53, 57.759, 350.987



41, 7.693, 324.936



40, 84.659, 328.233



6, 31.112, 327.825

Inverse Universe

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



56, 78.850, 327.504



64, 104.395, 327.898



76, 54.737, 156.613



41, 7.693, 324.936



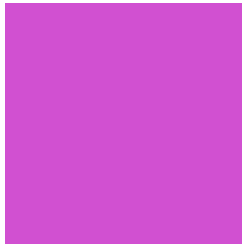
40, 84.659, 328.233



6, 31.112, 327.825

Previews

White Background



This preview shows how the CIELCh color 56, 78.852, 327.504 looks on a white background.

Color Contrast Check

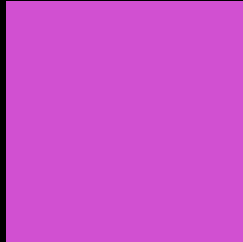
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 56, 78.852, 327.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

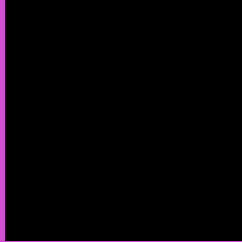
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 78.852, 327.504

Background



This preview shows how black text looks on a background with the CIELCh color 56, 78.852, 327.504.

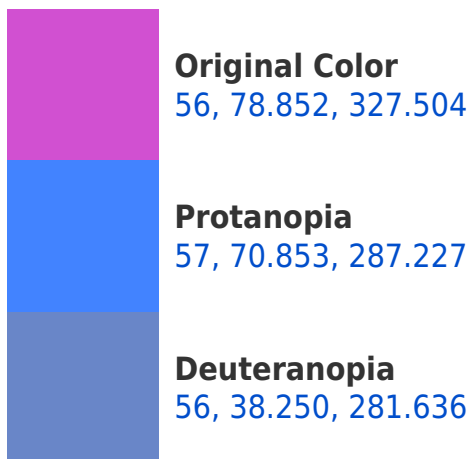


This preview shows how white text looks on a background with the CIELCh color 56, 78.852, 327.504.

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, 38.705, 17.812

Trichromacy



Original Color
56, 78.852, 327.504



Protanomaly
54, 72.319, 299.285



Deuteranomaly
54, 52.108, 305.820



Tritanomaly
55, 48.362, 349.599

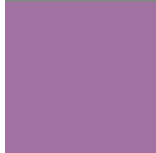
Monochromacy



Original Color
56, 78.852, 327.504



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 32.090, 325.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 78.852, 327.504 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(209, 80, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 80, 209)  
}
```

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(209, 80, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 80, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 78.852, 327.504 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(209, 80, 209) }
```

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

```
.border{ border-color:rgb(209, 80, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 80, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 80, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 80, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 80,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 78.852, 327.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 80, 209) }
```

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

```
.background{ background-color: rgb(209, 80,  
209) }
```

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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