

Converting Colors

CIELCh(56, 61.480, 351.281)

Have a look what the booklet for
CIELCh(56, 61.480, 351.281)
contains.

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Color

CIELCh(56, 61.656, 351.292)

Conversions

Conversions Part 1

Format	Color
Hex	DE5298
RGB	222, 82, 152
RGB Percent	87%, 32%, 60%
CMY	0.1284, 0.6775, 0.4031
CMYK	0.00, 0.63, 0.32, 0.13
HSL	330°, 68%, 60%
HSV	330°, 63%, 87%
XYZ	38.9196, 23.9124, 32.3628
YIQ	131.8400, 60.9700, 51.4500

Conversions

Conversions Part 2

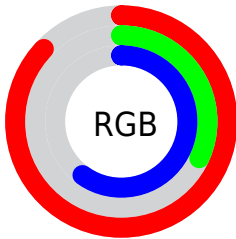
Format	Color
R _Y B	222, 82, 152
Decimal	14570136
CIE Lab	56.00, 60.95, -9.33
CIE LCh	56, 61.656, 351.292
Yxy	23.9124, 0.4088, 0.2512
Android (android.graphics.Color)	4292760216 (0xFFDE5298)
YUV	131.8400, 9.9389, 79.0703
Hunter-Lab	48.9003, 56.4920, -5.0086

Details

The CIELCh color **56, 61.656, 351.292** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **80, 58.476, 156.373**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 54.566, 343.813**, and **36, 61.617, 351.420** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.401, 353.482**, and if you desaturate by 10%, it is **60, 53.276, 349.523**.

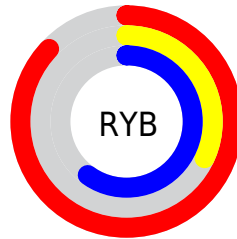
Distribution



Red (87%)

Green (32%)

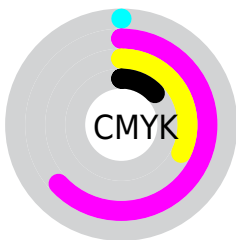
Blue (60%)



Red (87%)

Yellow (32%)

Blue (60%)

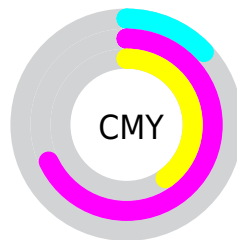


Cyan (0%)

Magenta (63%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (68%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 61.656, 351.292 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, 61.656, 351.292 by changing the saturation by 10% instead.


 56, 61.656,
351.292


 56, 61.656,
351.292


 100, 61.656,
351.292


 46, 61.656,
351.292


 76, 61.656,
351.292

 36, 61.656,
351.292

 86, 61.656,
351.292

 26, 61.656,
351.292

 96, 61.656,
351.292

 16, 61.656,
351.292

 6, 61.656, 351.292

 0, 61.656, 351.292

■ 56, 61.656,
351.292

■ 56, 61.656,
351.292

■ 53, 68.401,
353.482

■ 60, 53.276,
349.523

■ 50, 73.075,
356.241

■ 65, 43.804,
348.054

■ 49, 75.529,
359.735

■ 70, 33.720,
346.804

■ 48, 76.317, 2.592


■ 75, 23.399,
345.713

■ 81, 13.100,
344.737

■ 87, 2.985, 343.759

■ 93, 6.851, 163.185

■ 97, 13.469,
166.904

 98, 11.244,
191.594

Harmonies

Complementary

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



56, 61.656, 351.292



80, 58.476, 156.373

Rectangle

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



56, 61.656, 351.292



56, 61.656, 41.292



56, 61.656, 171.292



56, 61.656, 221.292

Sweetspot

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



56, 61.653, 351.293



88, 21.547, 345.326



50, 81.784, 312.217



45, 14.865, 345.614



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, 61.653, 351.293



59, 78.031, 354.398



54, 62.056, 28.384



44, 5.745, 344.407



38, 64.174, 1.851



6, 26.429, 354.748

Inverse Universe

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



56, 61.653, 351.293



59, 78.031, 354.398



82, 38.552, 196.810



44, 5.745, 344.407



38, 64.174, 1.851



6, 26.429, 354.748

Previews

White Background



This preview shows how the CIELCh color 56, 61.656, 351.292 looks on a white background.

Color Contrast Check

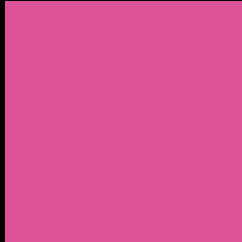
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.656, 351.292 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, 61.656, 351.292

Background



This preview shows how black text looks on a background with the CIELCh color 56, 61.656, 351.292.

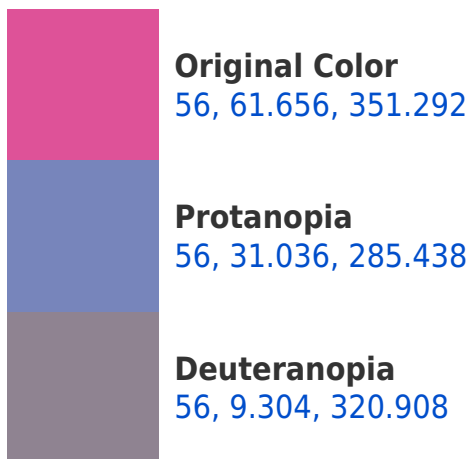


This preview shows how white text looks on a background with the CIELCh color 56, 61.656, 351.292.

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](#).

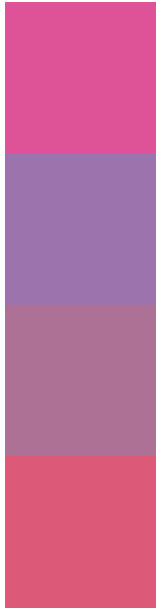
Dichromacy





Tritanopia
56, 53.492, 23.306

Trichromacy



Original Color
56, 61.656, 351.292

Protanomaly
55, 37.081, 317.540

Deuteranomaly
55, 30.147, 341.810

Tritanomaly
56, 54.266, 10.730

Monochromacy



Original Color
56, 61.656, 351.292

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 24.636, 347.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 61.656, 351.292 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, 82, 152)` looks like.

```
.text, #text, p{  
    color:rgb(222, 82, 152)  
}
```

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, 82, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 82, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 61.656, 351.292 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, 82, 152) }
```

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

```
.border{ border-color:rgb(222, 82, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 82, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 82, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 82, 152); box-shadow:4px 4px 4px 4px rgb(222, 82, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 61.656, 351.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 82, 152) }
```

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

```
.background{ background-color: rgb(222, 82,  
152) }
```

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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