

Converting Colors

CIELCh(56, 50.460, 357.910)

Have a look what the booklet for
CIELCh(56, 50.460, 357.910)
contains.

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Color

CIELCh(56, 50.226, 357.959)

Conversions

Conversions Part 1

Format	Color
Hex	D35F8B
RGB	211, 95, 139
RGB Percent	83%, 37%, 55%
CMY	0.1724, 0.6273, 0.4547
CMYK	0.00, 0.55, 0.34, 0.17
HSL	337°, 57%, 60%
HSV	337°, 55%, 83%
XYZ	35.6357, 23.9124, 27.1784
YIQ	134.7000, 55.0120, 38.2760

Conversions

Conversions Part 2

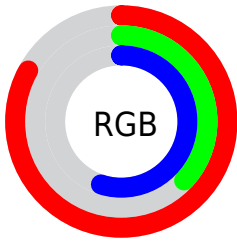
Format	Color
R_{YB}	211, 95, 139
Decimal	13852555
CIE _{Lab}	56.00, 50.19, -1.79
CIE _{LCh}	56, 50.226, 357.959
Yxy	23.9124, 0.4109, 0.2757
Android (android.graphics.Color)	4292042635 (0xFFD35F8B)
YUV	134.7000, 2.1199, 66.9151
Hunter-Lab	48.9003, 44.5047, 1.2773

Details

The CIELCh color **56, 50.226, 357.959** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **77, 44.866, 164.528**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 45.195, 353.828**, and **36, 50.198, 358.117** is the 20% darker color. If you saturate the color by 10%, you get **52, 58.103, 0.291**, and if you desaturate by 10%, it is **60, 41.436, 356.083**.

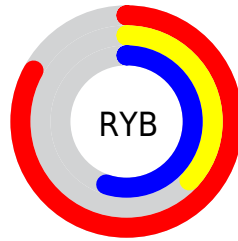
Distribution



Red (83%)

Green (37%)

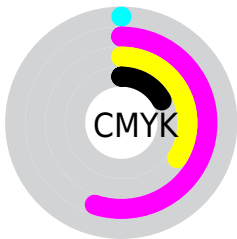
Blue (55%)



Red (83%)

Yellow (37%)

Blue (55%)

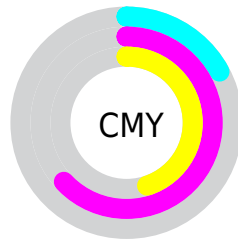


Cyan (0%)

Magenta (55%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (63%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 50.226, 357.959 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, 50.226, 357.959 by changing the saturation by 10% instead.


 56, 50.226,
357.959


 56, 50.226,
357.959


 100, 50.226,
357.959


 46, 50.226,
357.959


 76, 50.226,
357.959

 36, 50.226,
357.959

 86, 50.226,
357.959

 26, 50.226,
357.959

 96, 50.226,
357.959

 16, 50.226,
357.959

 6, 50.226, 357.959

 0, 50.226, 357.959

56, 50.226,
357.959

56, 50.226,
357.959

52, 58.103, 0.291

60, 41.436,
356.083

49, 64.624, 3.236

65, 32.174,
354.537

47, 69.463, 6.973

45, 72.636, 11.639

71, 22.774,
353.230

45, 73.953, 14.206

76, 13.467,
352.098

82, 4.396, 351.048

87, 4.364, 170.393

93, 12.779,
169.542

97, 16.132,
177.645

97, 14.669,
198.528

Harmonies

Complementary

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



56, 50.226, 357.959



77, 44.866, 164.528

Rectangle

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



56, 50.226, 357.959



56, 50.226, 47.959



56, 50.226, 177.959



56, 50.226, 227.959

Sweetspot

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



56, 50.223, 357.961



89, 16.820, 352.228



53, 69.177, 315.400



46, 11.390, 352.455



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, 50.223, 357.961



62, 68.462, 0.758



58, 46.913, 33.719



41, 5.023, 351.518



35, 62.336, 13.266



5, 20.869, 1.312

Inverse Universe

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



56, 50.223, 357.961



62, 68.462, 0.758



74, 30.381, 211.416



41, 5.023, 351.518



35, 62.336, 13.266



5, 20.869, 1.312

Previews

White Background



This preview shows how the CIELCh color 56, 50.226, 357.959 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, 50.226, 357.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

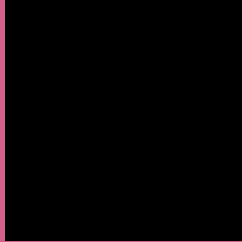
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 50.226, 357.959

Background



This preview shows how black text looks on a background with the CIELCh color 56, 50.226, 357.959.

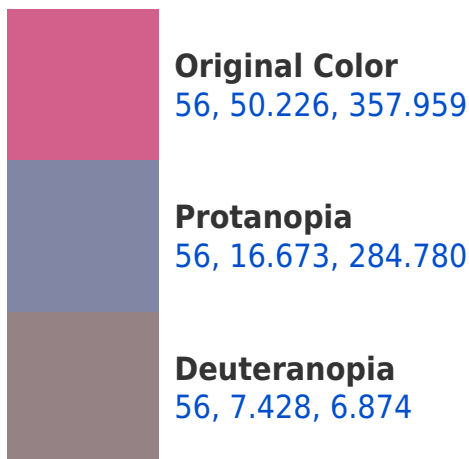


This preview shows how white text looks on a background with the CIELCh color 56, 50.226, 357.959.

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, 46.258, 20.799

Trichromacy



Original Color
56, 50.226, 357.959

Protanomaly
55, 24.264, 328.800

Deuteranomaly
55, 23.926, 357.106

Tritanomaly
56, 46.767, 12.378

Monochromacy



Original Color
56, 50.226, 357.959

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 19.453, 353.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 50.226, 357.959 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(211, 95, 139)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 139)  
}
```

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(211, 95, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 50.226, 357.959 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(211, 95, 139) }
```

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

```
.border{ border-color:rgb(211, 95, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 95, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 139);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 50.226, 357.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 139) }
```

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

```
.background{ background-color: rgb(211, 95,  
139) }
```

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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