

Converting Colors

CIELCh(58, 44.782, 344.003)

Have a look what the booklet for
CIELCh(58, 44.782, 344.003)
contains.

CIELCh(58, 44.782, 344.003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 44.782, 344.003)

Conversions

Conversions Part 1

Format	Color
Hex	C96DA2
RGB	201, 109, 162
RGB Percent	79%, 43%, 64%
CMY	0.2118, 0.5726, 0.3647
CMYK	0.00, 0.46, 0.19, 0.21
HSL	325°, 46%, 61%
HSV	325°, 46%, 79%
XYZ	36.0747, 25.9610, 37.2889
YIQ	142.5500, 37.8190, 35.9870

Conversions

Conversions Part 2

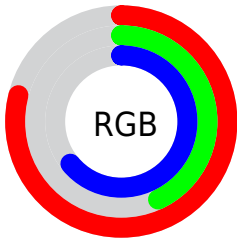
Format	Color
RYB	201, 109, 162
Decimal	13200802
CIELab	58.00, 43.05, -12.34
CIELCh	58, 44.782, 344.003
Yxy	25.9610, 0.3632, 0.2614
Android (android.graphics.Color)	4291390882 (0xFFC96DA2)
YUV	142.5500, 9.5889, 51.2607
Hunter-Lab	50.9519, 37.2146, -7.7247

Details

The CIELCh color $58, 44.782, 344.003$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $74, 43.395, 155.281$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 43.450, 342.402$, and $38, 44.864, 344.265$ is the 20% darker color. If you saturate the color by 10%, you get $54, 53.526, 345.292$, and if you desaturate by 10%, it is $63, 35.280, 342.886$.

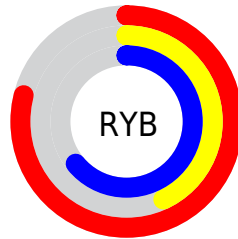
Distribution



Red (79%)

Green (43%)

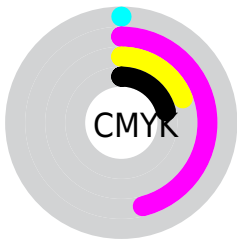
Blue (64%)



Red (79%)

Yellow (43%)

Blue (64%)

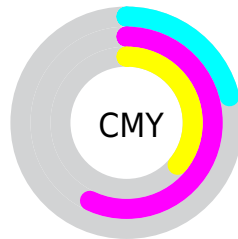


Cyan (0%)

Magenta (46%)

Yellow (19%)

Black (21%)



Cyan (21%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 44.782, 344.003 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 58, 44.782, 344.003 by changing the saturation by 10% instead.

 58, 44.782,
344.003


 58, 44.782,
344.003

 100, 44.782,
344.003

 48, 44.782,
344.003


 78, 44.782,
344.003

 38, 44.782,
344.003

 88, 44.782,
344.003

 28, 44.782,
344.003

 98, 44.782,
344.003

 18, 44.782,
344.003

 8, 44.782, 344.003

 0, 44.782, 344.003

58, 44.782,
344.003

58, 44.782,
344.003

54, 53.526,
345.292

63, 35.280,
342.886

50, 61.042,
346.817

67, 25.414,
341.894

47, 66.827,
348.671

73, 15.460,
340.995

45, 70.495,
350.976

78, 5.603, 340.141

44, 71.969,
353.865


83, 4.042, 159.557

44, 72.265,
355.206

89, 13.416,
158.802

94, 22.489,
158.151

96, 22.733,
163.937

 96, 20.317,
173.784

Harmonies

Complementary

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



58, 44.782, 344.003



74, 43.395, 155.281

Rectangle

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



58, 44.782, 344.003



58, 44.782, 34.003



58, 44.782, 164.003



58, 44.782, 214.003

Sweetspot

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



58, 44.779, 344.004



91, 16.627, 340.860



53, 54.424, 308.776



47, 11.500, 341.048



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 44.779, 344.004



68, 64.035, 345.292



57, 39.034, 18.128



39, 5.480, 340.451



35, 62.062, 354.643



4, 18.707, 348.285

Inverse Universe

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



58, 44.779, 344.004



68, 64.035, 345.292



75, 29.655, 189.121



39, 5.480, 340.451



35, 62.062, 354.643



4, 18.707, 348.285

Previews

White Background



This preview shows how the CIELCh color 58, 44.782, 344.003 looks on a white background.

Color Contrast Check

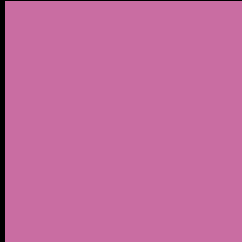
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 44.782, 344.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

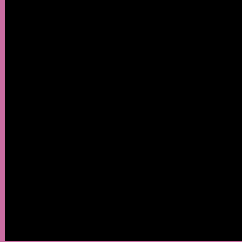
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 44.782, 344.003

Background



This preview shows how black text looks on a background with the CIELCh color 58, 44.782, 344.003.

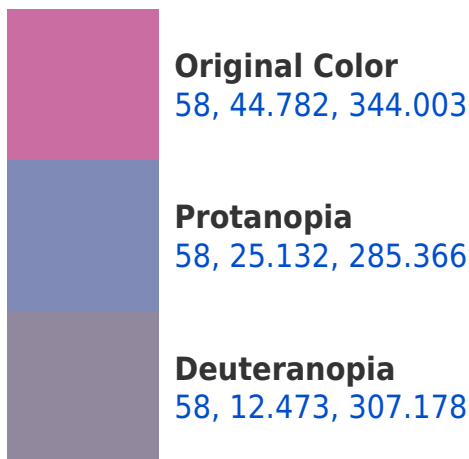


This preview shows how white text looks on a background with the CIELCh color 58, 44.782, 344.003.

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
58, 34.029, 15.132

Trichromacy



Original Color
58, 44.782, 344.003

Protanomaly
57, 29.272, 313.126

Deuteranomaly
57, 23.889, 330.372

Tritanomaly
58, 36.499, 1.715

Monochromacy



Original Color
58, 44.782, 344.003

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 16.761, 341.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 44.782, 344.003 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(201, 109, 162)` looks like.

```
.text, #text, p{  
    color:rgb(201, 109, 162)  
}
```

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(201, 109, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 109, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 44.782, 344.003 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(201, 109, 162) }
```

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

```
.border{ border-color:rgb(201, 109, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 109, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 109, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 109, 162);  
box-shadow:4px 4px 4px 4px rgb(201, 109,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 44.782, 344.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 109, 162) }
```

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

```
.background{ background-color: rgb(201,  
109, 162) }
```

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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