

Converting Colors

CIELCh(58, 25.971, 325.607)

Have a look what the booklet for
CIELCh(58, 25.971, 325.607)
contains.

CIELCh(58, 25.857, 325.669)	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, 25.857, 325.669)

Conversions

Conversions Part 1

Format	Color
Hex	A57FA5
RGB	165, 127, 165
RGB Percent	65%, 50%, 65%
CMY	0.3523, 0.5013, 0.3523
CMYK	0.00, 0.23, 0.00, 0.35
HSL	300°, 17%, 57%
HSV	300°, 23%, 65%
XYZ	29.9698, 25.9610, 39.1096
YIQ	142.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

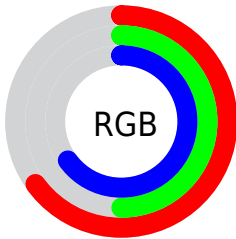
Format	Color
RYB	165, 127, 165
Decimal	10846117
CIELab	58.00, 21.35, -14.58
CIELCh	58, 25.857, 325.669
Yxy	25.9610, 0.3153, 0.2732
Android (android.graphics.Color)	4289036197 (0xFFFA57FA5)
YUV	142.6940, 10.9969, 19.5624
Hunter-Lab	50.9519, 15.8273, -9.8434

Details

The CIELCh color **58, 25.857, 325.669** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 25.842, 142.962**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 25.785, 325.428**, and **38, 26.189, 326.075** is the 20% darker color. If you saturate the color by 10%, you get **54, 36.978, 326.192**, and if you desaturate by 10%, it is **62, 14.584, 325.127**.

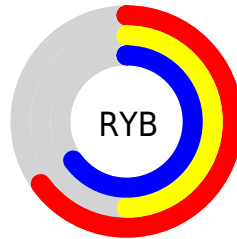
Distribution



Red (65%)

Green (50%)

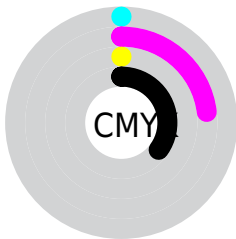
Blue (65%)



Red (65%)

Yellow (50%)

Blue (65%)

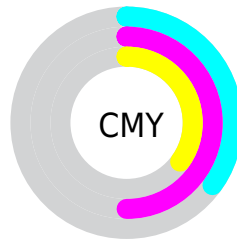


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 25.857, 325.669 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, 25.857, 325.669 by changing the saturation by 10% instead.


 58, 25.857,
325.669


 58, 25.857,
325.669

 100, 25.857,
325.669

 48, 25.857,
325.669


 78, 25.857,
325.669

 38, 25.857,
325.669

 88, 25.857,
325.669

 28, 25.857,
325.669

 98, 25.857,
325.669

 18, 25.857,
325.669

 8, 25.857, 325.669

 0, 25.857, 325.669

58, 25.857,
325.669

58, 25.857,
325.669

54, 36.978,
326.192

62, 14.584,
325.127

50, 47.684,
326.684

66, 3.357, 324.538

47, 57.626,
327.130

71, 7.696, 144.103

75, 18.493,
143.570

44, 66.396,
327.514

80, 28.990,
143.069

42, 73.581,
327.821

85, 39.166,
142.595

41, 78.847,
328.042


89, 49.014,
142.148

40, 82.057,
328.175

93, 56.090,
141.835

39, 83.494,

328.234

 93, 56.090,
141.835

Harmonies

Complementary

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



58, 25.857, 325.669



64, 25.842, 142.962

Rectangle

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



58, 25.857, 325.669



58, 25.857, 15.669



58, 25.857, 145.669



58, 25.857, 195.669

Sweetspot

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



58, 25.855, 325.669



82, 9.665, 324.798



55, 21.906, 292.788



43, 6.271, 324.829



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 25.855, 325.669



71, 38.840, 325.960



57, 18.387, 345.656



32, 6.267, 324.919



34, 76.020, 328.234



2, 9.704, 324.440

Inverse Universe

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



58, 25.855, 325.669



71, 38.840, 325.960



65, 17.876, 161.647



32, 6.267, 324.919



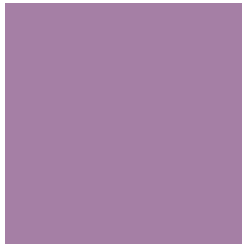
34, 76.020, 328.234



2, 9.704, 324.440

Previews

White Background



This preview shows how the CIELCh color 58, 25.857, 325.669 looks on a white background.

Color Contrast Check

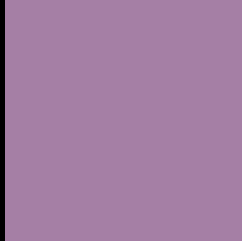
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 25.857, 325.669 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, 25.857, 325.669

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.857, 325.669.



This preview shows how white text looks on a background with the CIELCh color 58, 25.857, 325.669.

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



Original Color


58, 25.857, 325.669

Protanopia

58, 19.960, 286.453

Deuteranopia

58, 15.576, 300.016



Tritanopia
58, 13.785, 354.107

Trichromacy



Original Color
58, 25.857, 325.669

Protanomaly
58, 20.899, 302.357

Deuteranomaly
58, 18.823, 311.562

Tritanomaly
58, 17.129, 339.888

Monochromacy



Original Color
58, 25.857, 325.669

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.641, 324.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.857, 325.669 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(165, 127, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 165)  
}
```

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(165, 127, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.857, 325.669 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(165, 127, 165) }
```

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

```
.border{ border-color:rgb(165, 127, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 127, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 127, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 127, 165); box-shadow:4px 4px 4px 4px rgb(165, 127, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.857, 325.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 165) }
```

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

```
.background{ background-color: rgb(165,  
127, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor