

Converting Colors

CIELCh(58, 64.470, 334.903)

Have a look what the booklet for
CIELCh(58, 64.470, 334.903)
contains.

CIELCh(58, 64.391, 335.009)	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, 64.391, 335.009)

Conversions

Conversions Part 1

Format	Color
Hex	D65EBC
RGB	214, 94, 188
RGB Percent	84%, 37%, 74%
CMY	0.1605, 0.6311, 0.2624
CMYK	0.00, 0.56, 0.12, 0.16
HSL	313°, 59%, 60%
HSV	313°, 56%, 84%
XYZ	40.8493, 25.9610, 50.4775
YIQ	140.5960, 41.3460, 54.6740

Conversions

Conversions Part 2

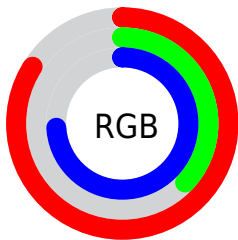
Format	Color
RYB	214, 94, 188
Decimal	14048956
CIELab	58.00, 58.36, -27.20
CIElCh	58, 64.391, 335.009
Yxy	25.9610, 0.3483, 0.2213
Android (android.graphics.Color)	4292239036 (0xFFD65EBC)
YUV	140.5960, 23.3702, 64.3753
Hunter-Lab	50.9519, 53.9417, -23.0716

Details

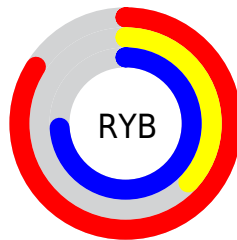
The CIELCh color **58, 64.391, 335.009** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **77, 64.812, 145.797**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 61.216, 329.843**, and **38, 64.365, 335.035** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.063, 335.824**, and if you desaturate by 10%, it is **62, 54.170, 334.243**.

Distribution



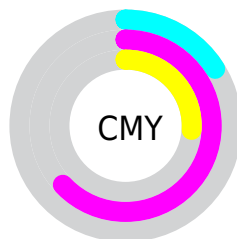
- Red (84%)
- Green (37%)
- Blue (74%)



- Red (84%)
- Yellow (37%)
- Blue (74%)



- Cyan (0%)
- Magenta (56%)
- Yellow (12%)
- Black (16%)




- Cyan (16%)
- Magenta (63%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 64.391, 335.009 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, 64.391, 335.009 by changing the saturation by 10% instead.

 58, 64.391,
335.009

 58, 64.391,
335.009

 100, 64.391,
335.009

 48, 64.391,
335.009


 78, 64.391,
335.009

 38, 64.391,
335.009

 88, 64.391,
335.009

 28, 64.391,
335.009

 98, 64.391,
335.009

 18, 64.391,
335.009

 8, 64.391, 335.009

 0, 64.391, 335.009

■ 58, 64.391,
335.009

■ 58, 64.391,
335.009

■ 55, 73.063,
335.824

■ 62, 54.170,
334.243

■ 52, 79.657,
336.709

■ 67, 42.942,
333.511

■ 50, 83.768,
337.701

■ 72, 31.157,
332.808

■ 49, 85.319,
338.843

■ 77, 19.156,
332.127


■ 48, 85.532,
339.325

■ 82, 7.179, 331.452

■ 88, 4.620, 150.952

■ 94, 16.147,
150.312

■ 97, 21.108,
152.010

 97, 19.387,
156.676

Harmonies

Complementary

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



58, 64.391, 335.009



77, 64.812, 145.797

Rectangle

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



58, 64.391, 335.009



58, 64.391, 25.009



58, 64.391, 155.009



58, 64.391, 205.009

Sweetspot

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



58, 64.388, 335.009



89, 23.390, 332.202



48, 70.455, 303.940



46, 15.657, 332.339



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, 64.388, 335.009



64, 84.763, 335.961



56, 50.617, 5.298



42, 6.749, 331.683



38, 72.475, 339.113



6, 28.097, 336.679

Inverse Universe

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



58, 64.388, 335.009



64, 84.763, 335.961



78, 42.354, 170.916



42, 6.749, 331.683



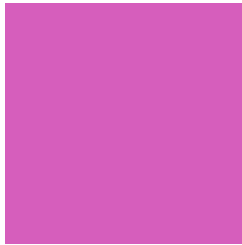
38, 72.475, 339.113



6, 28.097, 336.679

Previews

White Background



This preview shows how the CIELCh color 58, 64.391, 335.009 looks on a white background.

Color Contrast Check

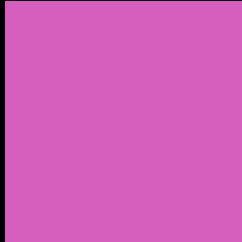
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.391, 335.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

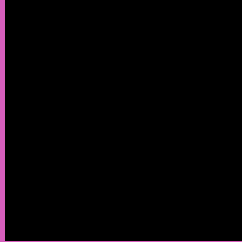
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 64.391, 335.009

Background



This preview shows how black text looks on a background with the CIELCh color 58, 64.391, 335.009.

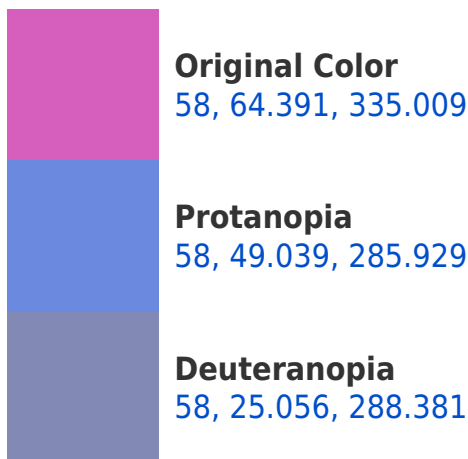


This preview shows how white text looks on a background with the CIELCh color 58, 64.391, 335.009.

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](#).

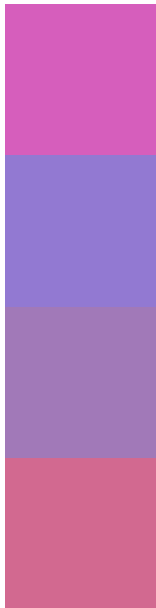
Dichromacy





Tritanopia
58, 40.572, 18.268

Trichromacy



Original Color
58, 64.391, 335.009

Protanomaly
57, 51.538, 304.308

Deuteranomaly
57, 38.631, 315.114

Tritanomaly
58, 45.636, 357.526

Monochromacy



Original Color
58, 64.391, 335.009

Achromatopsia
59, 0.008, 296.813

Achromatomaly
57, 25.526, 333.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 64.391, 335.009 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(214, 94, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 94, 188)  
}
```

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(214, 94, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 94, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 64.391, 335.009 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(214, 94, 188) }
```

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

```
.border{ border-color:rgb(214, 94, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 94, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 94, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 94, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 94,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 64.391, 335.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 94, 188) }
```

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

```
.background{ background-color: rgb(214, 94,  
188) }
```

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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