

Converting Colors

CIELCh(58, 62.355, 332.116)

Have a look what the booklet for
CIELCh(58, 62.355, 332.116)
contains.

CIELCh(58, 62.434, 332.294)	3
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Color

CIELCh(58, 62.434, 332.294)

Conversions

Conversions Part 1

Format	Color
Hex	D062BF
RGB	208, 98, 191
RGB Percent	82%, 38%, 75%
CMY	0.1837, 0.6151, 0.2504
CMYK	0.00, 0.53, 0.08, 0.18
HSL	309°, 54%, 60%
HSV	309°, 53%, 82%
XYZ	39.8550, 25.9610, 52.2831
YIQ	141.4920, 35.7070, 52.2430

Conversions

Conversions Part 2

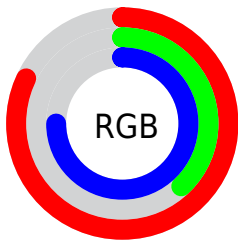
Format	Color
R _{YB}	208, 98, 191
Decimal	13656767
CIE _{Lab}	58.00, 55.28, -29.03
CIE _{LCh}	58, 62.434, 332.294
Yxy	25.9610, 0.3375, 0.2198
Android (android.graphics.Color)	4291846847 (0xFFD062BF)
YUV	141.4920, 24.4074, 58.3275
Hunter-Lab	50.9519, 50.4583, -25.1727

Details

The CIELCh color **58, 62.434, 332.294** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75, 62.864, 144.267**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 60.449, 328.623**, and **38, 62.408, 332.377** is the 20% darker color. If you saturate the color by 10%, you get **54, 71.840, 332.944**, and if you desaturate by 10%, it is **62, 51.648, 331.649**.

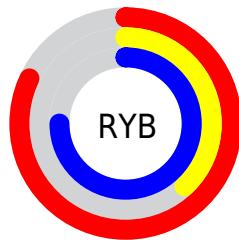
Distribution



Red (82%)

Green (38%)

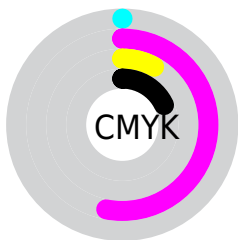
Blue (75%)



Red (82%)

Yellow (38%)

Blue (75%)

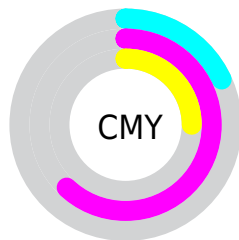


Cyan (0%)

Magenta (53%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 62.434, 332.294 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, 62.434, 332.294 by changing the saturation by 10% instead.

 58, 62.434,
332.294

 58, 62.434,
332.294

 100, 62.434,
332.294

 48, 62.434,
332.294

 78, 62.434,
332.294

 38, 62.434,
332.294

 88, 62.434,
332.294

 28, 62.434,
332.294

 98, 62.434,
332.294

 18, 62.434,
332.294

 8, 62.434, 332.294

 0, 62.434, 332.294

58, 62.434,
332.294

58, 62.434,
332.294

54, 71.840,
332.944

62, 51.648,
331.649

52, 79.344,
333.605

67, 39.994,
331.008

50, 84.501,
334.291

72, 27.885,
330.373

48, 87.121,
335.026

77, 15.631,
329.745

48, 87.797,
335.586

82, 3.447, 329.074

87, 8.531, 148.617

93, 20.219,
148.039

96, 25.744,
148.792

■ 96, 24.475,
151.207

Harmonies

Complementary

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



58, 62.434, 332.294



75, 62.864, 144.267

Rectangle

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



58, 62.434, 332.294



58, 62.434, 22.294



58, 62.434, 152.294



58, 62.434, 202.294

Sweetspot

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



58, 62.431, 332.294



90, 22.986, 329.954



48, 64.637, 301.766



47, 15.530, 330.085



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, 62.431, 332.294



66, 84.600, 333.002



56, 47.450, 359.613



41, 6.914, 329.529



38, 75.087, 335.459



5, 27.618, 333.587

Inverse Universe

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



58, 62.431, 332.294



66, 84.600, 333.002



76, 41.825, 166.728



41, 6.914, 329.529



38, 75.087, 335.459



5, 27.618, 333.587

Previews

White Background



This preview shows how the CIELCh color 58, 62.434, 332.294 looks on a white background.

Color Contrast Check

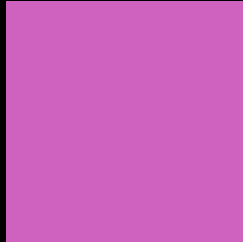
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.434, 332.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

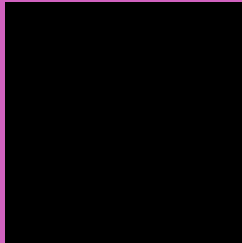
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 62.434, 332.294

Background



This preview shows how black text looks on a background with the CIELCh color 58, 62.434, 332.294.

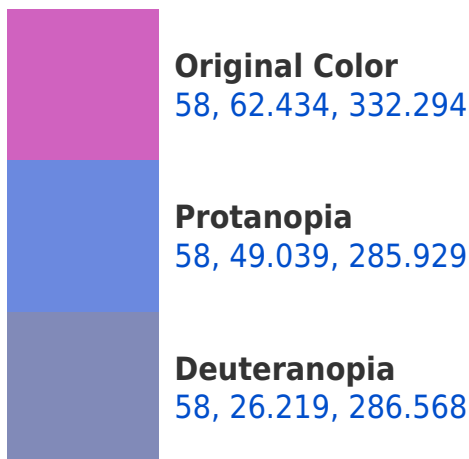


This preview shows how white text looks on a background with the CIELCh color 58, 62.434, 332.294.

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, 36.202, 15.978

Trichromacy



Original Color
58, 62.434, 332.294



Protanomaly
57, 50.747, 302.937



Deuteranomaly
57, 37.894, 312.010

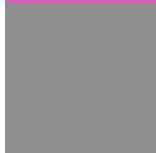


Tritanomaly
58, 42.482, 353.552

Monochromacy



Original Color
58, 62.434, 332.294



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 24.540, 330.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 62.434, 332.294 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(208, 98, 191)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 191)  
}
```

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(208, 98, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 62.434, 332.294 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(208, 98, 191) }
```

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

```
.border{ border-color:rgb(208, 98, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 191);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 62.434, 332.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 191) }
```

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

```
.background{ background-color: rgb(208, 98,  
191) }
```

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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