

Converting Colors

CIELCh(58, 63.266, 329.587)

Have a look what the booklet for
CIELCh(58, 63.266, 329.587)
contains.

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Color

CIELCh(58, 63.414, 329.753)

Conversions

Conversions Part 1

Format	Color
Hex	CD63C4
RGB	205, 99, 196
RGB Percent	80%, 39%, 77%
CMY	0.1953, 0.6110, 0.2306
CMYK	0.00, 0.52, 0.04, 0.20
HSL	305°, 52%, 60%
HSV	305°, 52%, 80%
XYZ	39.6972, 25.9610, 55.2579
YIQ	141.7520, 32.0390, 52.6390

Conversions

Conversions Part 2

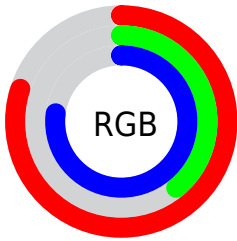
Format	Color
R _Y B	205, 99, 196
Decimal	13460420
CIE Lab	58.00, 54.78, -31.94
CIE LCh	58, 63.414, 329.753
Yxy	25.9610, 0.3283, 0.2147
Android (android.graphics.Color)	4291650500 (0xFFCD63C4)
YUV	141.7520, 26.7443, 55.4685
Hunter-Lab	50.9519, 49.9054, -28.6343

Details

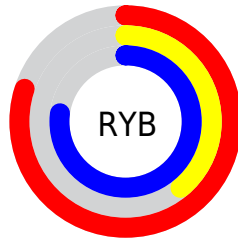
The CIELCh color **58, 63.414, 329.753** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75, 63.881, 142.400**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.878, 327.137**, and **38, 63.329, 329.636** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.362, 330.272**, and if you desaturate by 10%, it is **62, 52.122, 329.205**.

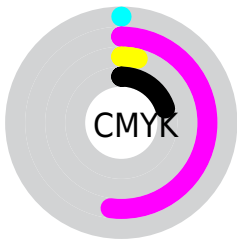
Distribution



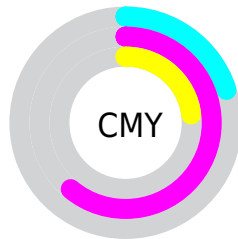
- Red (80%)
- Green (39%)
- Blue (77%)



- Red (80%)
- Yellow (39%)
- Blue (77%)



- Cyan (0%)
- Magenta (52%)
- Yellow (4%)
- Black (20%)





- Cyan (20%)
- Magenta (61%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 63.414, 329.753 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, 63.414, 329.753 by changing the saturation by 10% instead.


 58, 63.414,
329.753


 58, 63.414,
329.753


 100, 63.414,
329.753


 48, 63.414,
329.753


 78, 63.414,
329.753


 38, 63.414,
329.753

 88, 63.414,
329.753

 28, 63.414,
329.753

 98, 63.414,
329.753

 18, 63.414,
329.753

 8, 63.414, 329.753

 0, 63.414, 329.753

58, 63.414,
329.753

58, 63.414,
329.753

55, 73.362,
330.272

62, 52.122,
329.205

52, 81.454,
330.754

67, 39.987,
328.636

50, 87.249,
331.201

71, 27.415,
328.055

48, 90.540,
331.621

76, 14.710,
327.468

48, 91.739,
331.961

82, 2.087, 326.781

87, 10.317,
146.388

92, 22.419,
145.838

96, 29.139,
145.947

■ 96, 28.424,
147.012

Harmonies

Complementary

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



58, 63.414, 329.753



75, 63.881, 142.400

Rectangle

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



58, 63.414, 329.753



58, 63.414, 19.753



58, 63.414, 149.753



58, 63.414, 199.753

Sweetspot

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



58, 63.411, 329.753



91, 22.609, 327.676



48, 62.340, 299.855



47, 15.436, 327.801



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, 63.411, 329.753



67, 87.607, 330.328



56, 46.990, 354.691



40, 7.113, 327.333



38, 78.354, 331.900



5, 27.116, 330.439

Inverse Universe

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



58, 63.411, 329.753



67, 87.607, 330.328



75, 42.988, 162.747



40, 7.113, 327.333



38, 78.354, 331.900



5, 27.116, 330.439

Previews

White Background



This preview shows how the CIELCh color 58, 63.414, 329.753 looks on a white background.

Color Contrast Check

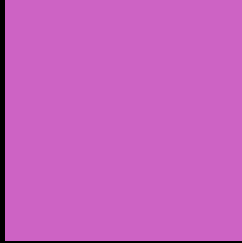
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.414, 329.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

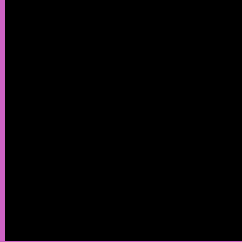
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 63.414, 329.753

Background



This preview shows how black text looks on a background with the CIELCh color 58, 63.414, 329.753.

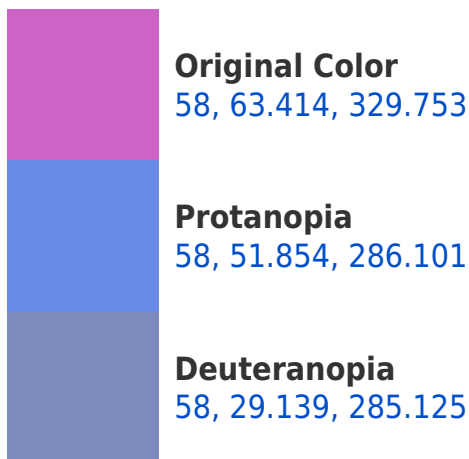


This preview shows how white text looks on a background with the CIELCh color 58, 63.414, 329.753.

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, 63.414, 329.753



Protanomaly
57, 53.424, 301.722



Deuteranomaly
57, 40.224, 308.890



Tritanomaly
58, 41.070, 351.025

Monochromacy



Original Color
58, 63.414, 329.753



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 25.189, 327.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 63.414, 329.753 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(205, 99, 196)` looks like.

```
.text, #text, p{  
    color:rgb(205, 99, 196)  
}
```

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(205, 99, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 99, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 63.414, 329.753 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(205, 99, 196) }
```

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

```
.border{ border-color:rgb(205, 99, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 99, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 99, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 99, 196);  
box-shadow:4px 4px 4px 4px rgb(205, 99,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 63.414, 329.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 99, 196) }
```

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

```
.background{ background-color: rgb(205, 99,  
196) }
```

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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