

Converting Colors

CIELCh(58, 62.435, 326.995)

Have a look what the booklet for
CIELCh(58, 62.435, 326.995)
contains.

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Color

CIELCh(58, 62.732, 326.987)

Conversions

Conversions Part 1

Format	Color
Hex	C866C8
RGB	200, 102, 200
RGB Percent	78%, 40%, 78%
CMY	0.2156, 0.5999, 0.2156
CMYK	0.00, 0.49, 0.00, 0.22
HSL	300°, 47%, 59%
HSV	300°, 49%, 78%
XYZ	39.0075, 25.9610, 57.6128
YIQ	142.4740, 26.9500, 51.2540

Conversions

Conversions Part 2

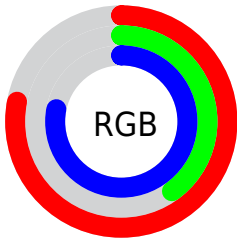
Format	Color
R _{YB}	200, 102, 200
Decimal	13133512
CIE _{Lab}	58.00, 52.60, -34.18
CIE _{LCh}	58, 62.732, 326.987
Yxy	25.9610, 0.3182, 0.2118
Android (android.graphics.Color)	4291323592 (0xFFC866C8)
YUV	142.4740, 28.3603, 50.4503
Hunter-Lab	50.9519, 47.4891, -31.3746

Details

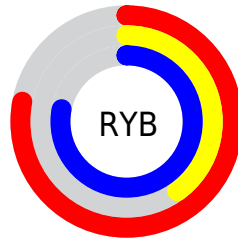
The CIELCh color **58, 62.732, 326.987** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **73, 63.038, 140.483**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **38, 62.955, 326.980** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.482, 327.399**, and if you desaturate by 10%, it is **62, 50.756, 326.517**.

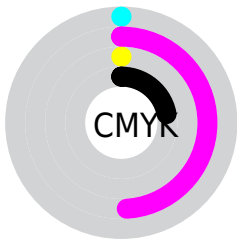
Distribution



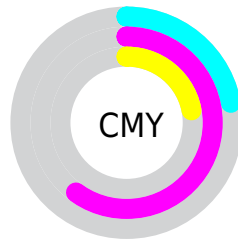
- Red (78%)
- Green (40%)
- Blue (78%)



- Red (78%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 62.732, 326.987 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, 62.732, 326.987 by changing the saturation by 10% instead.

 58, 62.732,
326.987

 58, 62.732,
326.987


 100, 62.732,
326.987

 48, 62.732,
326.987


 78, 62.732,
326.987

 38, 62.732,
326.987

 88, 62.732,
326.987

 28, 62.732,
326.987

 98, 62.732,
326.987

 18, 62.732,
326.987

 8, 62.732, 326.987

 0, 62.732, 326.987

58, 62.732,
326.987

58, 62.732,
326.987

55, 73.482,
327.399

62, 50.756,
326.517

52, 82.508,
327.736

66, 38.029,
326.005

50, 89.363,
327.986

71, 24.934,
325.467

48, 93.799,
328.146

76, 11.759,
324.911

48, 96.062,
328.227

81, 1.296, 144.588

48, 96.251,
328.233

86, 14.100,
143.874

92, 26.576,
143.351

95, 34.460,
143.027

■ 95, 34.459,
143.027

Harmonies

Complementary

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



58, 62.732, 326.987



73, 63.038, 140.483

Rectangle

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



58, 62.732, 326.987



58, 62.732, 16.987



58, 62.732, 146.987



58, 62.732, 196.987

Sweetspot

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



58, 62.730, 326.987



91, 23.957, 325.259



48, 57.642, 297.239



47, 16.356, 325.377



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, 62.730, 326.987



68, 89.240, 327.430



56, 45.545, 348.844



39, 7.382, 324.932



39, 82.759, 328.233



4, 26.741, 327.027

Inverse Universe

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



58, 62.730, 326.987



68, 89.240, 327.430



74, 43.173, 158.542



39, 7.382, 324.932



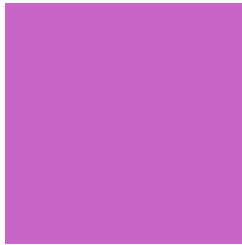
39, 82.759, 328.233



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 58, 62.732, 326.987 looks on a white background.

Color Contrast Check

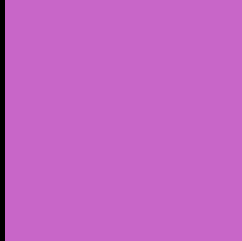
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.732, 326.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

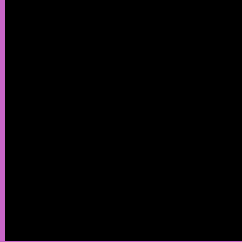
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 62.732, 326.987

Background



This preview shows how black text looks on a background with the CIELCh color 58, 62.732, 326.987.

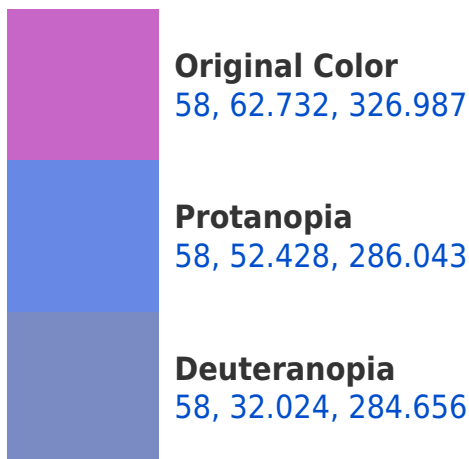


This preview shows how white text looks on a background with the CIELCh color 58, 62.732, 326.987.

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, 30.166, 13.465

Trichromacy



Original Color
58, 62.732, 326.987



Protanomaly
57, 53.843, 300.405



Deuteranomaly
57, 41.482, 306.040



Tritanomaly
58, 38.267, 347.465

Monochromacy



Original Color
58, 62.732, 326.987



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 24.523, 325.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 62.732, 326.987 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(200, 102, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 102, 200)  
}
```

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(200, 102, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 102, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 62.732, 326.987 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(200, 102, 200) }
```

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

```
.border{ border-color:rgb(200, 102, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 102, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 102, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 102, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 102,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 62.732, 326.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 102, 200) }
```

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

```
.background{ background-color: rgb(200,  
102, 200) }
```

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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