

Converting Colors

CIELCh(58, 55.701, 325.701)

Have a look what the booklet for
CIELCh(58, 55.701, 325.701)
contains.

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Color

CIELCh(58, 55.428, 325.725)

Conversions

Conversions Part 1

Format	Color
Hex	C06DC3
RGB	192, 109, 195
RGB Percent	75%, 43%, 76%
CMY	0.2484, 0.5737, 0.2366
CMYK	0.02, 0.44, 0.00, 0.24
HSL	298°, 42%, 59%
HSV	298°, 44%, 76%
XYZ	36.9045, 25.9610, 54.5045
YIQ	143.6210, 21.8620, 44.3420

Conversions

Conversions Part 2

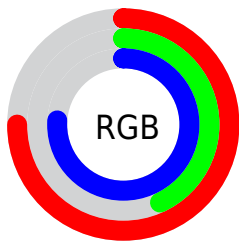
Format	Color
RYB	192, 109, 195
Decimal	12611011
CIELab	58.00, 45.80, -31.22
CIELCh	58, 55.428, 325.725
Yxy	25.9610, 0.3144, 0.2212
Android (android.graphics.Color)	4290801091 (0xFFC06DC3)
YUV	143.6210, 25.3298, 42.4284
Hunter-Lab	50.9519, 40.1217, -27.7576

Details

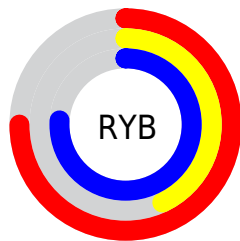
The CIELCh color `58, 55.428, 325.725` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `72, 55.436, 140.264`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `78, 55.331, 325.705`, and `38, 55.613, 325.889` is the 20% darker color. If you saturate the color by 10%, you get `54, 66.624, 326.138`, and if you desaturate by 10%, it is `62, 43.327, 325.258`.

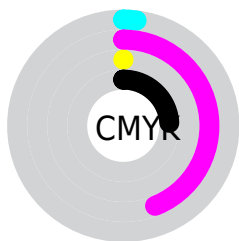
Distribution



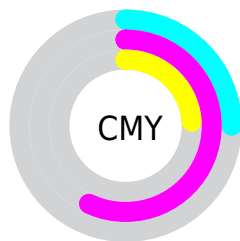
- Red (75%)
- Green (43%)
- Blue (76%)



- Red (75%)
- Yellow (43%)
- Blue (76%)



- Cyan (2%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)





- Cyan (25%)
- Magenta (57%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 55.428, 325.725 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, 55.428, 325.725 by changing the saturation by 10% instead.


 58, 55.428,
325.725


 58, 55.428,
325.725


 100, 55.428,
325.725


 48, 55.428,
325.725


 78, 55.428,
325.725

 38, 55.428,
325.725

 88, 55.428,
325.725

 28, 55.428,
325.725

 98, 55.428,
325.725

 18, 55.428,
325.725

 8, 55.428, 325.725

 0, 55.428, 325.725

58, 55.428,
325.725

58, 55.428,
325.725

54, 66.624,
326.138

62, 43.327,
325.258

51, 76.439,
326.475

67, 30.738,
324.755

48, 84.376,
326.719

72, 17.972,
324.232

47, 90.049,
326.853

77, 5.254, 323.677

82, 7.268, 143.243


45, 93.321,
326.874

87, 19.504,
142.723

45, 94.484,
326.852

92, 31.401,
142.240

95, 37.322,
141.866

 95, 37.185,
141.583

Harmonies

Complementary

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



58, 55.428, 325.725



72, 55.436, 140.264

Rectangle

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



58, 55.428, 325.725



58, 55.428, 15.725



58, 55.428, 145.725



58, 55.428, 195.725

Sweetspot

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



58, 55.426, 325.725



91, 20.359, 324.181



51, 47.591, 294.401



48, 14.378, 324.300



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, 55.426, 325.725



70, 80.574, 326.125



57, 41.540, 345.245



38, 7.148, 323.974



37, 81.942, 326.871



4, 23.783, 324.857

Inverse Universe

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



56, 36.887, 21.408



66, 56.009, 23.420



72, 40.026, 156.718



38, 4.188, 17.088



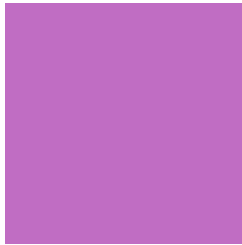
33, 72.353, 38.302



3, 14.013, 17.493

Previews

White Background



This preview shows how the CIELCh color 58, 55.428, 325.725 looks on a white background.

Color Contrast Check

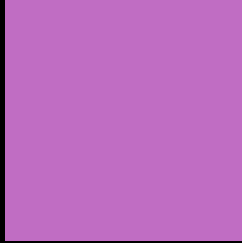
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.428, 325.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

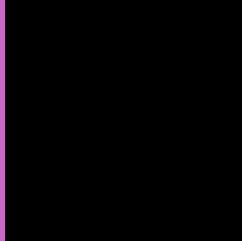
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 55.428, 325.725

Background



This preview shows how black text looks on a background with the CIELCh color 58, 55.428, 325.725.

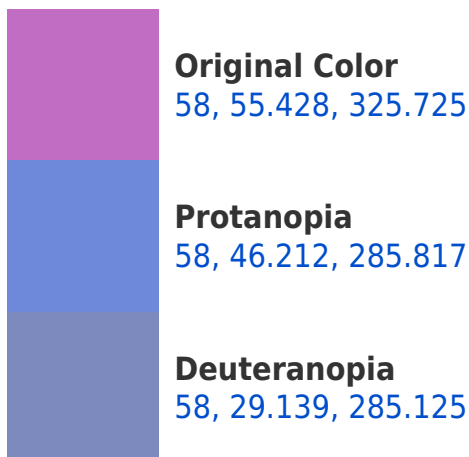


This preview shows how white text looks on a background with the CIELCh color 58, 55.428, 325.725.

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, 25.482, 11.003

Trichromacy



Original Color
58, 55.428, 325.725

Protanomaly
57, 47.555, 300.160

Deuteranomaly
57, 37.387, 305.557

Tritanomaly
58, 33.477, 345.144

Monochromacy



Original Color
58, 55.428, 325.725

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 20.957, 324.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 55.428, 325.725 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(192, 109, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 109, 195)  
}
```

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(192, 109, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 109, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 55.428, 325.725 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(192, 109, 195) }
```

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

```
.border{ border-color:rgb(192, 109, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 109, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 109, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 109, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 109,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 55.428, 325.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 109, 195) }
```

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

```
.background{ background-color: rgb(192,  
109, 195) }
```

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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