

Converting Colors

CIELCh(55, 64.687, 327.414)

Have a look what the booklet for
CIELCh(55, 64.687, 327.414)
contains.

CIELCh(55, 64.708, 327.425)	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(55, 64.708, 327.425)

Conversions

Conversions Part 1

Format	Color
Hex	C25CC1
RGB	194, 92, 193
RGB Percent	76%, 36%, 76%
CMY	0.2397, 0.6397, 0.2436
CMYK	0.00, 0.53, 0.01, 0.24
HSL	301°, 45%, 56%
HSV	301°, 53%, 76%
XYZ	35.6428, 22.9298, 52.9255
YIQ	134.0120, 28.3710, 53.0350

Conversions

Conversions Part 2

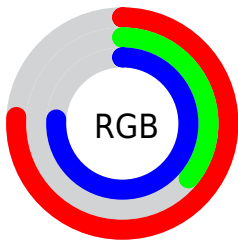
Format	Color
RYB	194, 92, 193
Decimal	12737729
CIELab	55.00, 54.53, -34.84
CIElCh	55, 64.708, 327.425
Yxy	22.9298, 0.3197, 0.2057
Android (android.graphics.Color)	4290927809 (0xFFC25CC1)
YUV	134.0120, 29.0811, 52.6095
Hunter-Lab	47.8851, 49.0658, -32.0113

Details

The CIELCh color **55, 64.708, 327.425** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **71, 65.146, 140.338**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 65.047, 327.513**, and **35, 64.818, 327.503** is the 20% darker color. If you saturate the color by 10%, you get **52, 74.589, 327.824**, and if you desaturate by 10%, it is **59, 53.467, 326.965**.

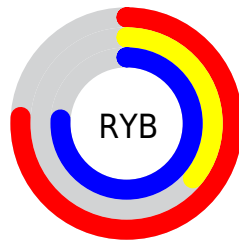
Distribution



Red (76%)

Green (36%)

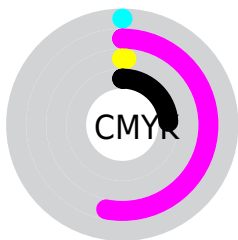
Blue (76%)



Red (76%)

Yellow (36%)

Blue (76%)

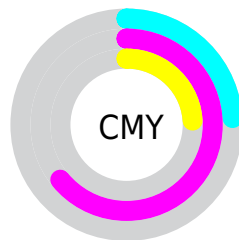


Cyan (0%)

Magenta (53%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (64%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 64.708, 327.425 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 55, 64.708, 327.425 by changing the saturation by 10% instead.


 55, 64.708,
327.425


 55, 64.708,
327.425


 100, 64.708,
327.425


 45, 64.708,
327.425


 75, 64.708,
327.425

 35, 64.708,
327.425

 85, 64.708,
327.425

 25, 64.708,
327.425

 95, 64.708,
327.425

 15, 64.708,
327.425

 5, 64.708, 327.425

 0, 64.708, 327.425

55, 64.708,
327.425

55, 64.708,
327.425

52, 74.589,
327.824

59, 53.467,
326.965

49, 82.635,
328.149

63, 41.349,
326.461

47, 88.458,
328.390

67, 28.754,
325.927

46, 91.908,
328.548

72, 15.994,
325.375


46, 93.314,
328.625

77, 3.290, 324.767

82, 9.209, 144.334

87, 21.413,
143.795

93, 33.271,
143.290

 95, 38.023,
143.136

Harmonies

Complementary

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



55, 64.708, 327.425



71, 65.146, 140.338

Rectangle

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



55, 64.708, 327.425



55, 64.708, 17.425



55, 64.708, 147.425



55, 64.708, 197.425

Sweetspot

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



55, 64.706, 327.425



89, 25.189, 325.578



44, 60.766, 297.957



47, 17.155, 325.694



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 64.706, 327.425



66, 92.492, 327.874



53, 47.409, 349.377



38, 7.178, 325.192



38, 81.190, 328.620



4, 23.998, 326.674

Inverse Universe

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



55, 64.706, 327.425



66, 92.492, 327.874



71, 44.881, 158.048



38, 7.178, 325.192



38, 81.190, 328.620



4, 23.998, 326.674

Previews

White Background



This preview shows how the CIELCh color 55, 64.708, 327.425 looks on a white background.

Color Contrast Check

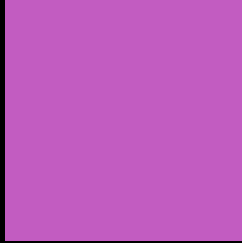
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 64.708, 327.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

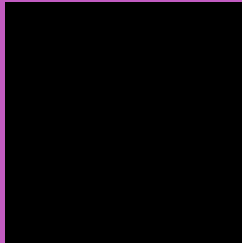
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 64.708, 327.425

Background



This preview shows how black text looks on a background with the CIELCh color 55, 64.708, 327.425.

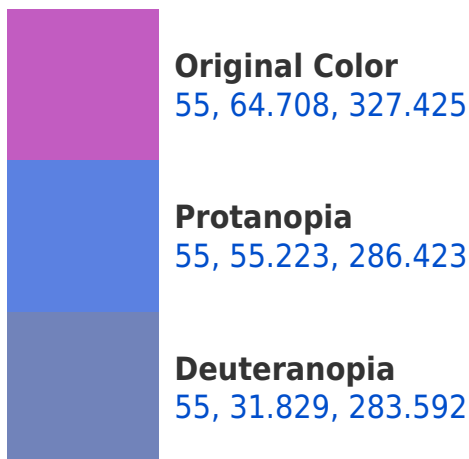


This preview shows how white text looks on a background with the CIELCh color 55, 64.708, 327.425.

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
55, 31.813, 14.321

Trichromacy



Original Color
55, 64.708, 327.425



Protanomaly
54, 56.024, 300.001



Deuteranomaly
54, 41.891, 306.148



Tritanomaly
55, 40.277, 347.927

Monochromacy



Original Color
55, 64.708, 327.425



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 24.979, 326.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 64.708, 327.425 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(194, 92, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 92, 193)  
}
```

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(194, 92, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 92, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 64.708, 327.425 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(194, 92, 193) }
```

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

```
.border{ border-color:rgb(194, 92, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 92, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 92, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 92, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 92,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 64.708, 327.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 92, 193) }
```

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

```
.background{ background-color: rgb(194, 92,  
193) }
```

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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