

Converting Colors

CIELCh(55, 74.949, 327.423)

Have a look what the booklet for
CIELCh(55, 74.949, 327.423)
contains.

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Color

CIELCh(55, 74.970, 327.423)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB52CB |
| RGB | 203, 82, 203 |
| RGB Percent | 80%, 32%, 80% |
| CMY | 0.2053, 0.6797, 0.2052 |
| CMYK | 0.00, 0.60, 0.00, 0.21 |
| HSL | 300°, 54%, 56% |
| HSV | 300°, 60%, 79% |
| XYZ | 38.2689, 22.9298, 58.7048 |
| YIQ | 131.9730, 33.2750, 63.2830 |

Conversions

Conversions Part 2

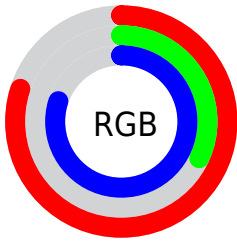
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 82, 203 |
| Decimal | 13325003 |
| CIE Lab | 55.00, 63.17, -40.37 |
| CIE LCh | 55, 74.970, 327.423 |
| Yxy | 22.9298, 0.3192, 0.1912 |
| Android (android.graphics.Color) | 4291515083 (0xFFCB52CB) |
| YUV | 131.9730, 35.0163, 62.2907 |
| Hunter-Lab | 47.8851, 58.8551, -39.1671 |

Details

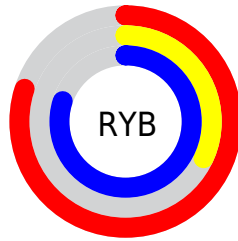
The CIELCh color **55, 74.970, 327.423** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **73, 75.754, 139.275**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **35, 74.769, 327.590** is the 20% darker color. If you saturate the color by 10%, you get **52, 83.938, 327.754**, and if you desaturate by 10%, it is **58, 64.213, 327.017**.

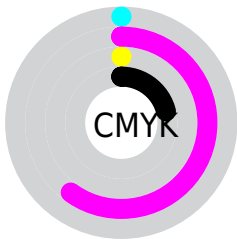
Distribution



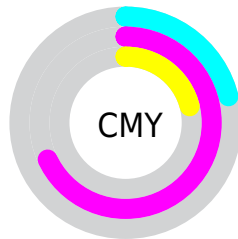
- Red (80%)
- Green (32%)
- Blue (80%)



- Red (80%)
- Yellow (32%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (68%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 74.970, 327.423 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, 74.970, 327.423 by changing the saturation by 10% instead.


 55, 74.970,
327.423

 55, 74.970,
327.423


 100, 74.970,
327.423


 45, 74.970,
327.423


 75, 74.970,
327.423

 35, 74.970,
327.423

 85, 74.970,
327.423

 25, 74.970,
327.423

 95, 74.970,
327.423

 15, 74.970,
327.423

 5, 74.970, 327.423

 0, 74.970, 327.423

55, 74.970,
327.423

55, 74.970,
327.423

52, 83.938,
327.754

58, 64.213,
327.017

50, 90.684,
327.998

62, 52.186,
326.550

49, 94.976,
328.150

67, 39.364,
326.040

48, 97.149,
328.226

72, 26.144,
325.503

48, 97.205,
328.228

77, 12.826,
324.948

82, 0.383, 145.104

87, 13.345,
143.909

92, 25.979,
143.383

■ 95, 32.794,
143.104

Harmonies

Complementary

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



55, 74.970, 327.423



73, 75.754, 139.275

Rectangle

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



55, 74.970, 327.423



55, 74.970, 17.423



55, 74.970, 147.423



55, 74.970, 197.423

Sweetspot

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



55, 74.968, 327.423



89, 28.773, 325.423



42, 71.159, 298.956



46, 20.003, 325.585



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, 74.968, 327.423



64, 102.726, 327.844



53, 55.287, 349.520



40, 7.538, 324.931



39, 83.712, 328.228



5, 29.041, 327.493

Inverse Universe

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



51, 54.190, 27.374



58, 80.231, 31.396



74, 52.707, 156.111



40, 4.369, 19.916



34, 75.549, 39.819



4, 17.910, 19.400

Previews

White Background



This preview shows how the CIELCh color 55, 74.970, 327.423 looks on a white background.

Color Contrast Check

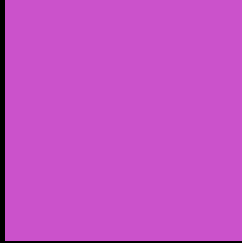
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.970, 327.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

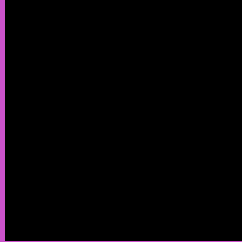
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 74.970, 327.423

Background



This preview shows how black text looks on a background with the CIELCh color 55, 74.970, 327.423.



This preview shows how white text looks on a background with the CIELCh color 55, 74.970, 327.423.

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



Original Color

55, 74.970, 327.423

Protanopia

55, 67.135, 287.348

Deuteranopia

55, 36.606, 282.128



Tritanopia
55, 36.661, 17.178

Trichromacy



Original Color
55, 74.970, 327.423



Protanomaly
53, 68.555, 299.735



Deuteranomaly
53, 49.397, 305.946



Tritanomaly
54, 45.968, 349.374

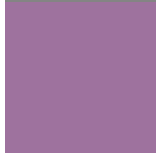
Monochromacy



Original Color
55, 74.970, 327.423



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 30.159, 325.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 74.970, 327.423 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(203, 82, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 82, 203)  
}
```

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(203, 82, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 82, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 74.970, 327.423 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(203, 82, 203) }
```

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

```
.border{ border-color:rgb(203, 82, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 82, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 82, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 82, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 82,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 74.970, 327.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 82, 203) }
```

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

```
.background{ background-color: rgb(203, 82,  
203) }
```

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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