

Converting Colors

CIELCh(56, 45.424, 354.135)

Have a look what the booklet for
CIELCh(56, 45.424, 354.135)
contains.

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Color

CIELCh(56, 45.476, 354.101)

Conversions

Conversions Part 1

Format	Color
Hex	CB6590
RGB	203, 101, 144
RGB Percent	80%, 40%, 56%
CMY	0.2051, 0.6050, 0.4364
CMYK	0.00, 0.50, 0.29, 0.21
HSL	335°, 49%, 59%
HSV	335°, 50%, 79%
XYZ	34.1854, 23.9124, 29.0895
YIQ	136.4000, 46.9890, 34.9970

Conversions

Conversions Part 2

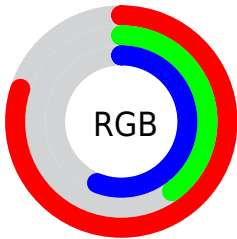
Format	Color
R _Y B	203, 101, 144
Decimal	13329808
CIE Lab	56.00, 45.24, -4.67
CIE LCh	56, 45.476, 354.101
Yxy	23.9124, 0.3921, 0.2743
Android (android.graphics.Color)	4291519888 (0xFFFCB6590)
YUV	136.4000, 3.7468, 58.4082
Hunter-Lab	48.9003, 39.2107, -1.0398

Details

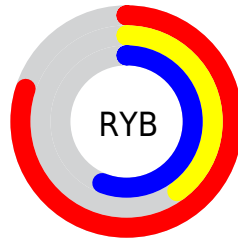
The CIELCh color **56, 45.476, 354.101** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75, 41.764, 162.651**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 43.142, 351.891**, and **36, 45.711, 353.812** is the 20% darker color. If you saturate the color by 10%, you get **52, 53.548, 356.045**, and if you desaturate by 10%, it is **61, 36.653, 352.507**.

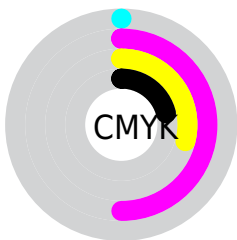
Distribution



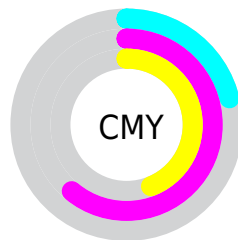
- Red (80%)
- Green (40%)
- Blue (56%)



- Red (80%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (21%)





- Cyan (21%)
- Magenta (61%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 45.476, 354.101 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 56, 45.476, 354.101 by changing the saturation by 10% instead.


 56, 45.476,
354.101


 56, 45.476,
354.101


 100, 45.476,
354.101


 46, 45.476,
354.101


 76, 45.476,
354.101

 36, 45.476,
354.101

 86, 45.476,
354.101

 26, 45.476,
354.101

 96, 45.476,
354.101

 16, 45.476,
354.101

 6, 45.476, 354.101

 0, 45.476, 354.101

56, 45.476,
354.101

56, 45.476,
354.101

52, 53.548,
356.045

61, 36.653,
352.507

49, 60.421,
358.466

65, 27.481,
351.164

46, 65.674, 1.530

71, 18.246,
350.005

44, 69.111, 5.410

76, 9.138, 348.974


43, 71.152, 9.915

81, 0.273, 346.518

87, 8.292, 167.375

93, 16.534,
166.618

96, 20.125,
171.658

 96, 17.785,
188.695

Harmonies

Complementary

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



56, 45.476, 354.101



75, 41.764, 162.651

Rectangle

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



56, 45.476, 354.101



56, 45.476, 44.101



56, 45.476, 174.101



56, 45.476, 224.101

Sweetspot

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



56, 45.473, 354.102



90, 16.136, 349.467



53, 61.125, 313.673



47, 11.039, 349.689



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 45.473, 354.102



65, 64.108, 356.154



56, 42.385, 29.486



40, 5.049, 348.884



35, 61.220, 9.110



4, 19.243, 358.278

Inverse Universe

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



56, 45.473, 354.102



65, 64.108, 356.154



74, 28.882, 204.721



40, 5.049, 348.884



35, 61.220, 9.110



4, 19.243, 358.278

Previews

White Background



This preview shows how the CIELCh color 56, 45.476, 354.101 looks on a white background.

Color Contrast Check

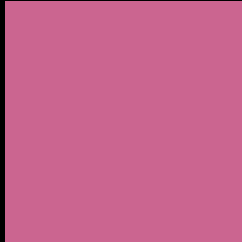
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 45.476, 354.101 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 56, 45.476, 354.101

Background



This preview shows how black text looks on a background with the CIELCh color 56, 45.476, 354.101.



This preview shows how white text looks on a background with the CIELCh color 56, 45.476, 354.101.

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

56, 45.476, 354.101

Protanopia

56, 18.364, 286.819

Deuteranopia

56, 7.497, 342.667



Tritanopia
56, 40.017, 18.241

Trichromacy



Original Color
56, 45.476, 354.101

Protanomaly
55, 24.334, 324.085

Deuteranomaly
56, 22.062, 349.308

Tritanomaly
56, 41.097, 8.541

Monochromacy



Original Color
56, 45.476, 354.101

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 17.289, 349.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 45.476, 354.101 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, 101, 144)` looks like.

```
.text, #text, p{  
    color:rgb(203, 101, 144)  
}
```

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, 101, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 101, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 45.476, 354.101 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, 101, 144) }
```

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

```
.border{ border-color:rgb(203, 101, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 101, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 101, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 101, 144); box-shadow:4px 4px 4px 4px rgb(203, 101, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 45.476, 354.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 101, 144) }
```

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

```
.background{ background-color: rgb(203,  
101, 144) }
```

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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