

Converting Colors

CIELCh(54, 56.707, 8.420)

Have a look what the booklet for
CIELCh(54, 56.707, 8.420) contains.

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Color

CIELCh(54, 56.735, 8.497)

Conversions

Conversions Part 1

Format	Color
Hex	D95175
RGB	217, 81, 117
RGB Percent	85%, 32%, 46%
CMY	0.1483, 0.6817, 0.5406
CMYK	0.00, 0.63, 0.46, 0.15
HSL	344°, 64%, 58%
HSV	344°, 63%, 85%
XYZ	34.8403, 21.9746, 19.2791
YIQ	125.7680, 69.5000, 40.0280

Conversions

Conversions Part 2

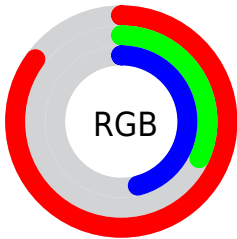
Format	Color
R_{YB}	217, 81, 117
Decimal	14242165
CIE _{Lab}	54.00, 56.11, 8.38
CIE _{LCh}	54, 56.735, 8.497
Yxy	21.9746, 0.4579, 0.2888
Android (android.graphics.Color)	4292432245 (0xFFD95175)
YUV	125.7680, -4.3226, 80.0105
Hunter-Lab	46.8770, 50.6313, 8.4298

Details

The CIELCh color **54, 56.735, 8.497** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **79, 45.874, 171.376**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 48.137, 4.159**, and **34, 56.654, 8.554** is the 20% darker color. If you saturate the color by 10%, you get **51, 64.473, 11.762**, and if you desaturate by 10%, it is **58, 48.032, 5.924**.

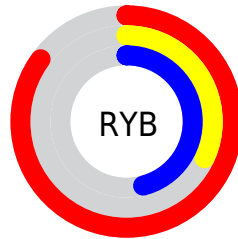
Distribution



Red (85%)

Green (32%)

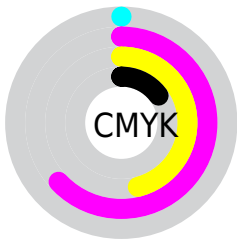
Blue (46%)



Red (85%)

Yellow (32%)

Blue (46%)

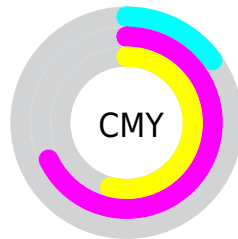


Cyan (0%)

Magenta (63%)

Yellow (46%)

Black (15%)



Cyan (15%)

Magenta (68%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 56.735, 8.497 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 54, 56.735, 8.497 by changing the saturation by 10% instead.

 54, 56.735, 8.497

 54, 56.735, 8.497

 100, 56.735, 8.497

 44, 56.735, 8.497

 74, 56.735, 8.497

 34, 56.735, 8.497

 84, 56.735, 8.497

 24, 56.735, 8.497

 94, 56.735, 8.497

 14, 56.735, 8.497

 4, 56.735, 8.497

 0, 56.735, 8.497

 54, 56.735, 8.497

 54, 56.735, 8.497

 51, 64.473, 11.762

 58, 48.032, 5.924

 48, 70.946, 15.871

 63, 38.781, 3.874

46, 76.125, 20.881

68, 29.348, 2.211

46, 79.478, 24.908

74, 20.007, 0.831

79, 10.935,
359.653

85, 2.225, 358.473

91, 6.081, 177.926

97, 13.980,
177.112

97, 12.715,
198.657

Harmonies

Complementary

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



54, 56.735, 8.497



79, 45.874, 171.376

Rectangle

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



54, 56.735, 8.497



54, 56.735, 58.497



54, 56.735, 188.497



54, 56.735, 238.497

Sweetspot

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



54, 56.732, 8.499



87, 19.008, 0.406



53, 80.360, 319.188



45, 13.158, 0.760



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 56.732, 8.499



58, 75.176, 12.922



59, 52.385, 43.301



43, 4.921, 359.304



36, 66.769, 23.949



5, 23.822, 8.725

Inverse Universe

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



54, 56.732, 8.499



58, 75.176, 12.922



71, 32.325, 230.406



43, 4.921, 359.304



36, 66.769, 23.949



5, 23.822, 8.725

Previews

White Background



This preview shows how the CIELCh color 54, 56.735, 8.497 looks on a white background.

Color Contrast Check

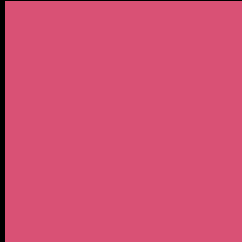
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 56.735, 8.497 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 54, 56.735, 8.497

Background



This preview shows how black text looks on a background with the CIELCh color 54, 56.735, 8.497.

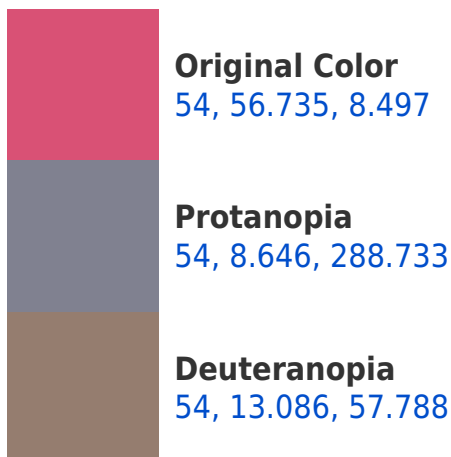


This preview shows how white text looks on a background with the CIELCh color 54, 56.735, 8.497.

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
54, 56.526, 24.350

Trichromacy



Original Color
54, 56.735, 8.497

Protanomaly
53, 22.883, 348.814

Deuteranomaly
53, 27.769, 18.206

Tritanomaly
54, 55.988, 18.532

Monochromacy



Original Color
54, 56.735, 8.497

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 21.432, 1.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 56.735, 8.497 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(217, 81, 117)` looks like.

```
.text, #text, p{  
    color:rgb(217, 81, 117)  
}
```

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(217, 81, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 81, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 56.735, 8.497 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(217, 81, 117) }
```

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

```
.border{ border-color:rgb(217, 81, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 81, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 81, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 81, 117);  
box-shadow:4px 4px 4px 4px rgb(217, 81,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 56.735, 8.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 81, 117) }
```

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

```
.background{ background-color: rgb(217, 81,  
117) }
```

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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