

Converting Colors

CIELCh(45, 58.665, 349.084)

Have a look what the booklet for
CIELCh(45, 58.665, 349.084)
contains.

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Color

CIELCh(45, 58.543, 348.778)

Conversions

Conversions Part 1

Format	Color
Hex	B8387F
RGB	184, 56, 127
RGB Percent	72%, 22%, 50%
CMY	0.2786, 0.7805, 0.5021
CMYK	0.00, 0.70, 0.31, 0.28
HSL	327°, 53%, 47%
HSV	327°, 70%, 72%
XYZ	24.9990, 14.5417, 21.5566
YIQ	102.3660, 53.4970, 49.2170

Conversions

Conversions Part 2

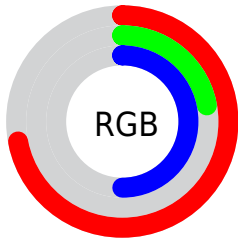
Format	Color
RYB	184, 56, 127
Decimal	12073087
CIELab	45.00, 57.42, -11.39
CIELCh	45, 58.543, 348.778
Yxy	14.5417, 0.4092, 0.2380
Android (android.graphics.Color)	4290263167 (0xFFB8387F)
YUV	102.3660, 12.1446, 71.5930
Hunter-Lab	38.1336, 50.2841, -6.8226

Details

The CIELCh color **45, 58.543, 348.778** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **67, 57.254, 152.708**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 58.696, 348.512**, and **27, 52.778, 350.681** is the 20% darker color. If you saturate the color by 10%, you get **43, 63.293, 350.890**, and if you desaturate by 10%, it is **48, 52.076, 347.066**.

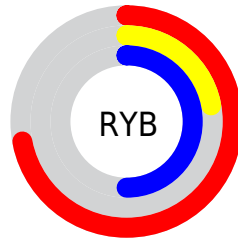
Distribution



Red (72%)

Green (22%)

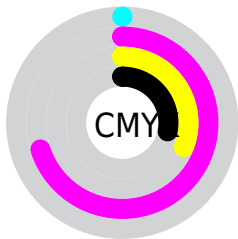
Blue (50%)



Red (72%)

Yellow (22%)

Blue (50%)

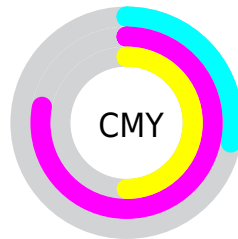


Cyan (0%)

Magenta (70%)

Yellow (31%)

Black (28%)



Cyan (28%)


Magenta (78%)

Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 58.543, 348.778 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 45, 58.543, 348.778 by changing the saturation by 10% instead.


 45, 58.543,
348.778


 45, 58.543,
348.778


 100, 58.543,
348.778


 35, 58.543,
348.778

 65, 58.543,
348.778


 25, 58.543,
348.778

 75, 58.543,
348.778

 15, 58.543,
348.778

 85, 58.543,
348.778

 5, 58.543, 348.778

 95, 58.543,
348.778

 0, 58.543, 348.778

 45, 58.543,

 45, 58.543,

348.778

348.778

43, 63.293,
350.890

48, 52.076,
347.066

41, 66.060,
353.537

52, 44.340,
345.640

40, 67.161,
356.756

56, 35.785,
344.423

40, 67.204,
356.895

60, 26.792,
343.357

65, 17.651,
342.403

70, 8.557, 341.526

75, 0.368, 161.775

80, 9.053, 160.109

85, 17.466,

159.425

Harmonies

Complementary

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



45, 58.543, 348.778



67, 57.254, 152.708

Rectangle

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



45, 58.543, 348.778



45, 58.543, 38.778



45, 58.543, 168.778



45, 58.543, 218.778

Sweetspot

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



45, 58.540, 348.779



82, 23.507, 342.566



37, 77.128, 310.615



42, 15.926, 342.822



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



45, 58.540, 348.779



54, 79.120, 352.089



43, 57.357, 25.591



36, 5.053, 341.505



33, 59.484, 356.381



3, 12.618, 347.634

Inverse Universe

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



45, 58.540, 348.779



54, 79.120, 352.089



68, 36.488, 189.068



36, 5.053, 341.505



33, 59.484, 356.381



3, 12.618, 347.634

Previews

White Background



This preview shows how the CIELCh color 45, 58.543, 348.778 looks on a white background.

Color Contrast Check

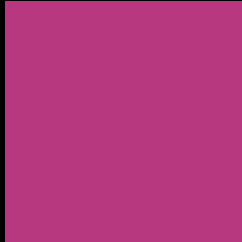
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 58.543, 348.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

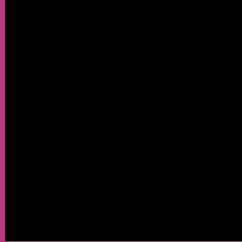
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 58.543, 348.778

Background



This preview shows how black text looks on a background with the CIELCh color 45, 58.543, 348.778.



This preview shows how white text looks on a background with the CIELCh color 45, 58.543, 348.778.

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

45, 58.543, 348.778

Protanopia

45, 34.116, 285.898

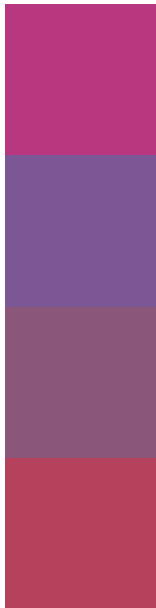
Deuteranopia

45, 10.105, 309.638



Tritanopia
45, 49.689, 25.099

Trichromacy



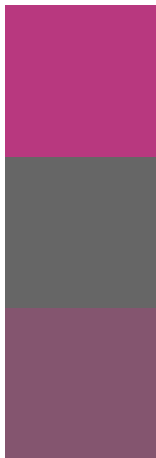
Original Color
45, 58.543, 348.778

Protanomaly
43, 39.322, 313.678

Deuteranomaly
44, 29.203, 336.670

Tritanomaly
45, 50.023, 10.510

Monochromacy



Original Color
45, 58.543, 348.778

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 24.575, 343.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 58.543, 348.778 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(184, 56, 127)` looks like.

```
.text, #text, p{  
    color:rgb(184, 56, 127)  
}
```

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(184, 56, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 56, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 58.543, 348.778 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(184, 56, 127) }
```

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

```
.border{ border-color:rgb(184, 56, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 56, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 56, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 56, 127);  
box-shadow:4px 4px 4px 4px rgb(184, 56,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 58.543, 348.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 56, 127) }
```

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

```
.background{ background-color: rgb(184, 56,  
127) }
```

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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