

Converting Colors

CIELCh(45, 54.457, 356.579)

Have a look what the booklet for
CIELCh(45, 54.457, 356.579)
contains.

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Color

CIELCh(45, 54.457, 356.578)

Conversions

Conversions Part 1

Format	Color
Hex	B83C72
RGB	184, 60, 114
RGB Percent	72%, 24%, 45%
CMY	0.2800, 0.7662, 0.5542
CMYK	0.00, 0.68, 0.38, 0.28
HSL	334°, 51%, 48%
HSV	334°, 68%, 72%
XYZ	24.2885, 14.5417, 17.3474
YIQ	103.2320, 56.5700, 43.0820

Conversions

Conversions Part 2

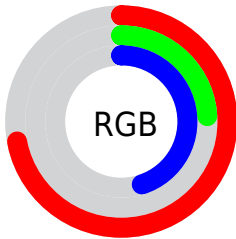
Format	Color
RYB	184, 60, 114
Decimal	12074098
CIELab	45.00, 54.36, -3.25
CIElCh	45, 54.457, 356.578
Yxy	14.5417, 0.4324, 0.2589
Android (android.graphics.Color)	4290264178 (0xFFB83C72)
YUV	103.2320, 5.3086, 70.8335
Hunter-Lab	38.1336, 46.9587, -0.2781

Details

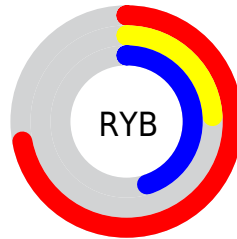
The CIELCh color **45, 54.457, 356.578** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **67, 50.005, 159.206**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 54.772, 356.491**, and **26, 50.696, 358.347** is the 20% darker color. If you saturate the color by 10%, you get **42, 59.773, 359.311**, and if you desaturate by 10%, it is **48, 47.729, 354.405**.

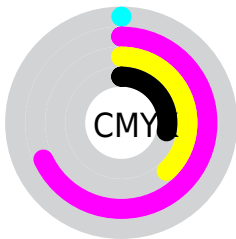
Distribution



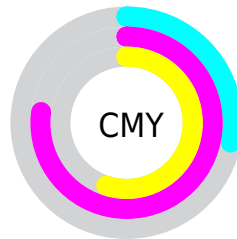
- Red (72%)
- Green (24%)
- Blue (45%)



- Red (72%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (68%)
- Yellow (38%)
- Black (28%)





- Cyan (28%)
- Magenta (77%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 54.457, 356.578 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, 54.457, 356.578 by changing the saturation by 10% instead.


 45, 54.457,
356.578


 45, 54.457,
356.578


 100, 54.457,
356.578


 35, 54.457,
356.578

 65, 54.457,
356.578


 25, 54.457,
356.578

 75, 54.457,
356.578

 15, 54.457,
356.578

 85, 54.457,
356.578

 5, 54.457, 356.578

 95, 54.457,
356.578

 0, 54.457, 356.578

 45, 54.457,

 45, 54.457,

356.578

356.578

■ 42, 59.773,
359.311

■ 48, 47.729,
354.405

■ 40, 63.413, 2.773

■ 52, 40.011,
352.641

■ 39, 65.509, 7.058

■ 56, 31.711,
351.175

■ 39, 65.994, 8.157

■ 61, 23.162,
349.926

■ 66, 14.602,
348.836

■ 71, 6.187, 347.845

■ 76, 1.993, 167.259

■ 81, 9.895, 166.326

■ 86, 17.501,

Harmonies

Complementary

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



45, 54.457, 356.578



67, 50.005, 159.206

Rectangle

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



45, 54.457, 356.578



45, 54.457, 46.578



45, 54.457, 176.578



45, 54.457, 226.578

Sweetspot

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



45, 54.454, 356.579



82, 20.761, 349.130



40, 74.702, 313.766



42, 14.196, 349.430



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, 54.454, 356.579



54, 75.413, 0.886



45, 55.613, 31.903



36, 4.669, 348.023



33, 58.367, 7.465



2, 11.810, 354.427

Inverse Universe

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



45, 54.454, 356.579



54, 75.413, 0.886



67, 32.645, 202.969



36, 4.669, 348.023



33, 58.367, 7.465



2, 11.810, 354.427

Previews

White Background



This preview shows how the CIELCh color 45, 54.457, 356.578 looks on a white background.

Color Contrast Check

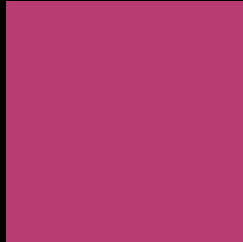
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.457, 356.578 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, 54.457, 356.578

Background



This preview shows how black text looks on a background with the CIELCh color 45, 54.457, 356.578.

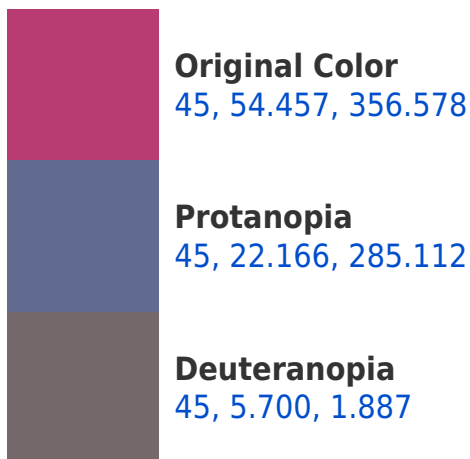


This preview shows how white text looks on a background with the CIELCh color 45, 54.457, 356.578.

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
45, 50.616, 25.365

Trichromacy



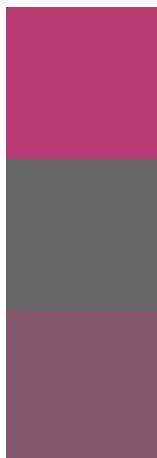
Original Color
45, 54.457, 356.578

Protanomaly
43, 29.691, 323.429

Deuteranomaly
44, 25.111, 353.627

Tritanomaly
45, 50.212, 14.442

Monochromacy



Original Color
45, 54.457, 356.578

Achromatopsia
44, 0.006, 296.813

Achromatomaly
42, 22.082, 350.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 54.457, 356.578 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, 60, 114)` looks like.

```
.text, #text, p{  
    color:rgb(184, 60, 114)  
}
```

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, 60, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 60, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 54.457, 356.578 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, 60, 114) }
```

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

```
.border{ border-color:rgb(184, 60, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 60, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 60, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 60, 114);  
box-shadow:4px 4px 4px 4px rgb(184, 60,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 54.457, 356.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 60, 114) }
```

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

```
.background{ background-color: rgb(184, 60,  
114) }
```

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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