

Converting Colors

CIELCh(45, 63.867, 353.964)

Have a look what the booklet for
CIELCh(45, 63.867, 353.964)
contains.

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Color

CIELCh(45, 64.026, 353.798)

Conversions

Conversions Part 1

Format	Color
Hex	C22B78
RGB	194, 43, 120
RGB Percent	76%, 17%, 47%
CMY	0.2394, 0.8316, 0.5296
CMYK	0.00, 0.78, 0.38, 0.24
HSL	329°, 64%, 46%
HSV	329°, 78%, 76%
XYZ	26.4854, 14.5417, 19.1674
YIQ	96.9270, 65.2790, 55.9590

Conversions

Conversions Part 2

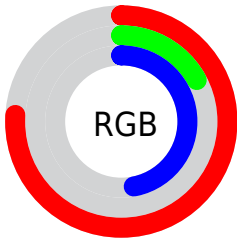
Format	Color
RYB	194, 43, 120
Decimal	12725112
CIELab	45.00, 63.65, -6.92
CIELCh	45, 64.026, 353.798
Yxy	14.5417, 0.4400, 0.2416
Android (android.graphics.Color)	4290915192 (0xFFC22B78)
YUV	96.9270, 11.3750, 85.1330
Hunter-Lab	38.1336, 57.2420, -3.1079

Details

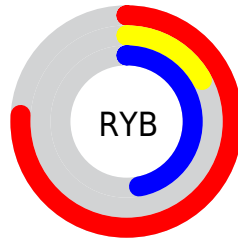
The CIELCh color **45, 64.026, 353.798** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **70, 62.418, 153.284**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 64.086, 353.983**, and **28, 53.381, 357.779** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.337, 356.734**, and if you desaturate by 10%, it is **48, 58.745, 351.472**.

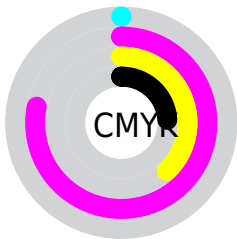
Distribution



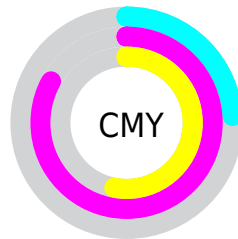
- Red (76%)
- Green (17%)
- Blue (47%)



- Red (76%)
- Yellow (17%)
- Blue (47%)



- Cyan (0%)
- Magenta (78%)
- Yellow (38%)
- Black (24%)




- Cyan (24%)
- Magenta (83%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 64.026, 353.798 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, 64.026, 353.798 by changing the saturation by 10% instead.


 45, 64.026,
353.798

 45, 64.026,
353.798


 100, 64.026,
353.798

 35, 64.026,
353.798

 65, 64.026,
353.798


 25, 64.026,
353.798

 75, 64.026,
353.798

 15, 64.026,
353.798

 85, 64.026,
353.798

 5, 64.026, 353.798

 95, 64.026,
353.798

 0, 64.026, 353.798

 45, 64.026,

 45, 64.026,

353.798

353.798

■ 43, 67.337,
356.734

■ 48, 58.745,
351.472

■ 42, 68.815, 0.387

■ 51, 51.813,
349.601

■ 42, 69.076, 1.209

■ 55, 43.687,
348.059

■ 59, 34.824,
346.756

■ 64, 25.603,
345.626

■ 69, 16.298,
344.625

■ 74, 7.092, 343.703

■ 80, 1.903, 163.159

■ 85, 10.629,
162.252

Harmonies

Complementary

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



45, 64.026, 353.798



70, 62.418, 153.284

Rectangle

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



45, 64.026, 353.798



45, 64.026, 43.798



45, 64.026, 173.798



45, 64.026, 223.798

Sweetspot

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



45, 64.023, 353.799



84, 26.122, 345.163



37, 88.333, 312.134



43, 18.267, 345.542



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



45, 64.023, 353.799



55, 83.459, 359.089



43, 68.922, 32.012



38, 5.125, 343.841



34, 60.156, 0.570



3, 15.920, 351.735

Inverse Universe

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



45, 64.023, 353.799



55, 83.459, 359.089



71, 38.800, 194.459



38, 5.125, 343.841



34, 60.156, 0.570



3, 15.920, 351.735

Previews

White Background



This preview shows how the CIELCh color 45, 64.026, 353.798 looks on a white background.

Color Contrast Check

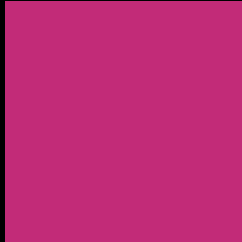
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.026, 353.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

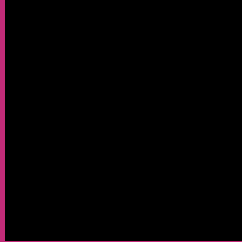
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 64.026, 353.798

Background



This preview shows how black text looks on a background with the CIELCh color 45, 64.026, 353.798.



This preview shows how white text looks on a background with the CIELCh color 45, 64.026, 353.798.

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, 64.026, 353.798

Protanopia

46, 32.912, 285.303

Deuteranopia

45, 6.863, 336.326



Tritanopia
45, 59.064, 28.281

Trichromacy



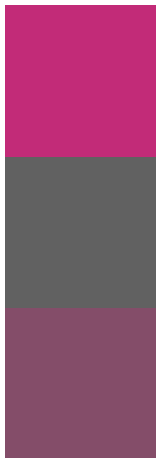
Original Color
45, 64.026, 353.798

Protanomaly
42, 40.830, 317.468

Deuteranomaly
43, 31.402, 345.991

Tritanomaly
45, 57.940, 14.872

Monochromacy



Original Color
45, 64.026, 353.798

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 27.957, 347.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 64.026, 353.798 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(194, 43, 120)` looks like.

```
.text, #text, p{  
    color:rgb(194, 43, 120)  
}
```

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(194, 43, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 43, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 64.026, 353.798 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(194, 43, 120) }
```

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

```
.border{ border-color:rgb(194, 43, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 43, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 43, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 43, 120);  
box-shadow:4px 4px 4px 4px rgb(194, 43,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 64.026, 353.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 43, 120) }
```

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

```
.background{ background-color: rgb(194, 43,  
120) }
```

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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