

Converting Colors

CIELCh(50, 74.210, 359.072)

Have a look what the booklet for
CIELCh(50, 74.210, 359.072)
contains.

CIELCh(50, 74.214, 359.071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(50, 74.214, 359.071)

Conversions

Conversions Part 1

Format	Color
Hex	E1207C
RGB	225, 32, 124
RGB Percent	88%, 13%, 49%
CMY	0.1188, 0.8763, 0.5146
CMYK	0.00, 0.86, 0.45, 0.12
HSL	331°, 76%, 50%
HSV	331°, 86%, 88%
XYZ	35.0894, 18.4187, 20.6977
YIQ	100.1950, 85.4960, 69.5280

Conversions

Conversions Part 2

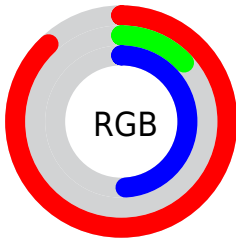
Format	Color
R _Y B	225, 32, 124
Decimal	14753916
CIE Lab	50.00, 74.20, -1.20
CIE LCh	50, 74.214, 359.071
Yxy	18.4187, 0.4729, 0.2482
Android (android.graphics.Color)	4292943996 (0xFFE1207C)
YUV	100.1950, 11.7359, 109.4540
Hunter-Lab	42.9170, 70.8388, 1.4479

Details

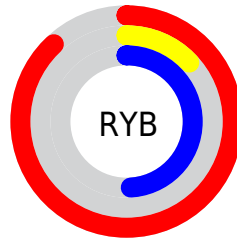
The CIELCh color **50, 74.214, 359.071** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **79, 72.687, 153.143**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 65.257, 352.030**, and **35, 60.440, 4.754** is the 20% darker color. If you saturate the color by 10%, you get **49, 76.238, 3.039**, and if you desaturate by 10%, it is **52, 70.070, 355.928**.

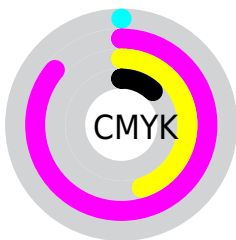
Distribution



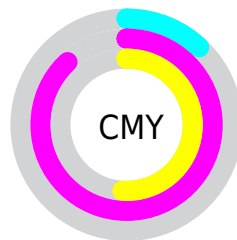
- Red (88%)
- Green (13%)
- Blue (49%)



- Red (88%)
- Yellow (13%)
- Blue (49%)



- Cyan (0%)
- Magenta (86%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (88%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 74.214, 359.071 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 50, 74.214, 359.071 by changing the saturation by 10% instead.


 50, 74.214,
359.071


 50, 74.214,
359.071


 100, 74.214,
359.071


 40, 74.214,
359.071


 70, 74.214,
359.071

 30, 74.214,
359.071


 80, 74.214,
359.071


 20, 74.214,
359.071

 90, 74.214,
359.071

 10, 74.214,
359.071

 0, 74.214, 359.071

 50, 74.214,
359.071

 50, 74.214,
359.071

49, 76.238, 3.039

52, 70.070,
355.928

48, 76.775, 4.798

55, 63.810,
353.448

59, 55.802,
351.465

64, 46.568,
349.843

69, 36.614,
348.480

74, 26.347,
347.307

80, 16.054,
346.272

86, 5.922, 345.311

92, 3.940, 164.679

Harmonies

Complementary

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



50, 74.214, 359.071



79, 72.687, 153.143

Rectangle

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



50, 74.214, 359.071



50, 74.214, 49.071



50, 74.214, 179.071



50, 74.214, 229.071

Sweetspot

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



50, 74.210, 359.072



83, 29.240, 347.332



40, 105.894, 312.897



42, 19.858, 347.724



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 74.210, 359.072



55, 84.455, 5.157



49, 85.653, 36.554



44, 5.660, 345.646



38, 63.992, 3.982



6, 26.218, 356.395

Inverse Universe

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



50, 74.210, 359.072



55, 84.455, 5.157



81, 43.493, 198.793



44, 5.660, 345.646



38, 63.992, 3.982



6, 26.218, 356.395

Previews

White Background



This preview shows how the CIELCh color 50, 74.214, 359.071 looks on a white background.

Color Contrast Check

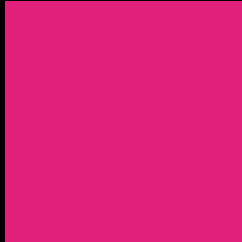
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 74.214, 359.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

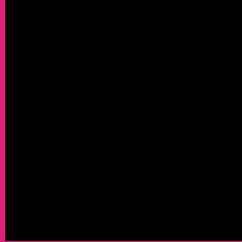
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 74.214, 359.071

Background



This preview shows how black text looks on a background with the CIELCh color 50, 74.214, 359.071.



This preview shows how white text looks on a background with the CIELCh color 50, 74.214, 359.071.

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

50, 74.214, 359.071

Protanopia

50, 32.305, 285.206

Deuteranopia

50, 7.073, 24.853



Tritanopia
50, 73.912, 31.748

Trichromacy



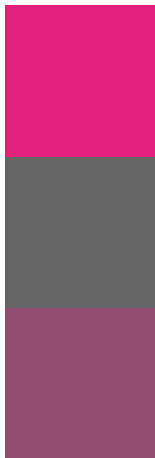
Original Color
50, 74.214, 359.071

Protanomaly
46, 45.026, 323.194

Deuteranomaly
47, 37.345, 354.684

Tritanomaly
50, 71.244, 19.968

Monochromacy



Original Color
50, 74.214, 359.071

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 34.351, 349.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 74.214, 359.071 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(225, 32, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 32, 124)  
}
```

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(225, 32, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 32, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 74.214, 359.071 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(225, 32, 124) }
```

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

```
.border{ border-color:rgb(225, 32, 124) }
```

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

Here you see how a box with a 4 pixel rgb(225, 32, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 32, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 32, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 32,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 74.214, 359.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 32, 124) }
```

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

```
.background{ background-color: rgb(225, 32,  
124) }
```

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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