

Converting Colors

CIELCh(50, 16.616, 326.126)

Have a look what the booklet for
CIELCh(50, 16.616, 326.126)
contains.

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Color

CIELCh(50, 16.435, 326.515)

Conversions

Conversions Part 1

Format	Color
Hex	887087
RGB	136, 112, 135
RGB Percent	53%, 44%, 53%
CMY	0.4685, 0.5626, 0.4724
CMYK	0.00, 0.18, 0.01, 0.47
HSL	302°, 10%, 48%
HSV	302°, 18%, 53%
XYZ	20.1608, 18.4187, 25.2411
YIQ	121.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

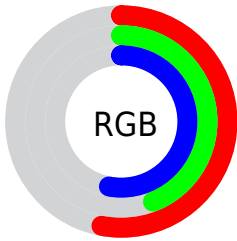
Format	Color
R_{YB}	136, 112, 135
Decimal	8941703
CIE Lab	50.00, 13.71, -9.07
CIE LCh	50, 16.435, 326.515
Yxy	18.4187, 0.3159, 0.2886
Android (android.graphics.Color)	4287131783 (0xFF887087)
YUV	121.7980, 6.5086, 12.4552
Hunter-Lab	42.9170, 8.7480, -4.8288

Details

The CIELCh color $50, 16.435, 326.515$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 16.415, 144.497$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 16.108, 326.244$, and $30, 16.310, 326.985$ is the 20% darker color. If you saturate the color by 10%, you get $47, 25.731, 327.058$, and if you desaturate by 10%, it is $54, 7.113, 325.958$.

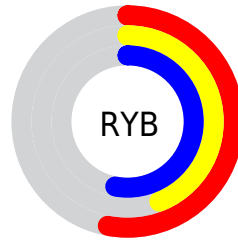
Distribution



Red (53%)

Green (44%)

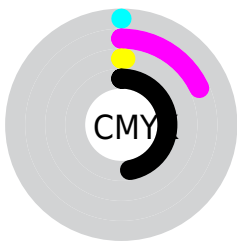
Blue (53%)



Red (53%)

Yellow (44%)

Blue (53%)

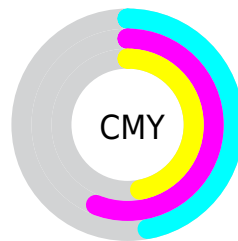


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (47%)



Cyan (47%)


Magenta (56%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 16.435, 326.515 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, 16.435, 326.515 by changing the saturation by 10% instead.


 50, 16.435,
326.515


 50, 16.435,
326.515


 100, 16.435,
326.515


 40, 16.435,
326.515


 70, 16.435,
326.515

 30, 16.435,
326.515


 80, 16.435,
326.515


 20, 16.435,
326.515

 90, 16.435,
326.515

 10, 16.435,
326.515

 0, 16.435, 326.515

 50, 16.435,
326.515

 50, 16.435,
326.515

47, 25.731,
327.058

54, 7.113, 325.958

43, 34.828,
327.586

57, 2.105, 145.547

40, 43.481,
328.088

61, 11.141,
144.947

38, 51.384,
328.552

65, 19.949,
144.435

35, 58.192,
328.965

69, 28.504,
143.950

34, 63.575,
329.321

73, 36.797,
143.491

32, 67.292,
329.615

77, 44.830,
143.057

32, 69.514,
329.858

81, 52.610,
142.649

31, 69.990,

85, 60.149,
142.267

329.913

Harmonies

Complementary

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



50, 16.435, 326.515



54, 16.415, 144.497

Rectangle

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



50, 16.435, 326.515



50, 16.435, 16.515



50, 16.435, 146.515



50, 16.435, 196.515

Sweetspot

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



50, 16.433, 326.515



69, 5.712, 325.804



48, 14.177, 293.262



36, 3.929, 325.842



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 16.433, 326.515



62, 24.155, 326.721



50, 11.722, 346.995



27, 5.289, 326.042



31, 68.896, 329.909



0, 2.441, 325.569

Inverse Universe

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



50, 16.433, 326.515



62, 24.155, 326.721



54, 11.431, 163.994



27, 5.289, 326.042



31, 68.896, 329.909



0, 2.441, 325.569

Previews

White Background



This preview shows how the CIELCh color 50, 16.435, 326.515 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 50, 16.435, 326.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

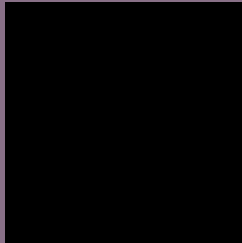
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 16.435, 326.515

Background



This preview shows how black text looks on a background with the CIELCh color 50, 16.435, 326.515.



This preview shows how white text looks on a background with the CIELCh color 50, 16.435, 326.515.

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, 16.435, 326.515

Protanopia

50, 12.320, 286.568

Deuteranopia

50, 11.033, 307.726



Tritanopia
50, 9.664, 347.697

Trichromacy



Original Color
50, 16.435, 326.515

Protanomaly
50, 12.558, 302.198

Deuteranomaly
50, 12.977, 316.331

Tritanomaly
50, 12.038, 338.128

Monochromacy



Original Color
50, 16.435, 326.515

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 5.683, 324.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 16.435, 326.515 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(136, 112, 135)` looks like.

```
.text, #text, p{  
    color:rgb(136, 112, 135)  
}
```

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(136, 112, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 112, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 16.435, 326.515 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(136, 112, 135) }
```

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

```
.border{ border-color:rgb(136, 112, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 112, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 112, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 112, 135);  
box-shadow:4px 4px 4px 4px rgb(136, 112,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 16.435, 326.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 112, 135) }
```

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

```
.background{ background-color: rgb(136,  
112, 135) }
```

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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