

Converting Colors

CIELCh(50, 17.625, 324.190)

Have a look what the booklet for
CIELCh(50, 17.625, 324.190)
contains.

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Color

CIELCh(50, 18.089, 324.360)

Conversions

Conversions Part 1

Format	Color
Hex	886F89
RGB	136, 111, 137
RGB Percent	53%, 44%, 54%
CMY	0.4665, 0.5646, 0.4626
CMYK	0.01, 0.19, 0.00, 0.46
HSL	298°, 10%, 49%
HSV	298°, 19%, 54%
XYZ	20.3630, 18.4187, 26.1597
YIQ	121.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

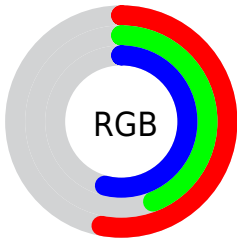
Format	Color
R_{YB}	136, 111, 137
Decimal	8941449
CIE _{Lab}	50.00, 14.70, -10.54
CIE _{LCh}	50, 18.089, 324.360
Yxy	18.4187, 0.3136, 0.2836
Android (android.graphics.Color)	4287131529 (0xFF886F89)
YUV	121.4390, 7.6716, 12.7700
Hunter-Lab	42.9170, 9.5890, -6.0979

Details

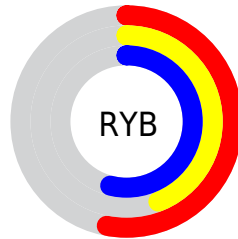
The CIELCh color $50, 18.089, 324.360$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 18.050, 142.320$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 17.865, 325.200$, and $30, 18.096, 324.631$ is the 20% darker color. If you saturate the color by 10%, you get $46, 27.635, 324.860$, and if you desaturate by 10%, it is $54, 8.514, 323.843$.

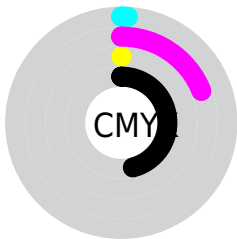
Distribution



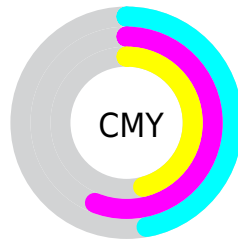
- Red (53%)
- Green (44%)
- Blue (54%)



- Red (53%)
- Yellow (44%)
- Blue (54%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (46%)





- Cyan (47%)
- Magenta (56%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 18.089, 324.360 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, 18.089, 324.360 by changing the saturation by 10% instead.


 50, 18.089,
324.360


 50, 18.089,
324.360


 100, 18.089,
324.360


 40, 18.089,
324.360


 70, 18.089,
324.360

 30, 18.089,
324.360


 80, 18.089,
324.360


 20, 18.089,
324.360

 90, 18.089,
324.360

 10, 18.089,
324.360

 0, 18.089, 324.360

 50, 18.089,
324.360

 50, 18.089,
324.360

46, 27.635,
324.860

43, 36.974,
325.335

40, 45.855,
325.771

37, 53.965,
326.147

35, 60.952,
326.446

33, 66.475,
326.649

32, 70.295,
326.745

31, 72.721,
326.756

31, 72.963,

54, 8.514, 323.843

57, 0.959, 143.560

61, 10.250,
142.890

65, 19.310,
142.408

69, 28.113,
141.953

73, 36.650,
141.523

77, 44.921,
141.120

81, 52.932,
140.743

85, 60.694,
140.393

Harmonies

Complementary

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



50, 18.089, 324.360



55, 18.050, 142.320

Rectangle

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



50, 18.089, 324.360



50, 18.089, 14.360



50, 18.089, 144.360



50, 18.089, 194.360

Sweetspot

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



50, 18.087, 324.360



70, 7.052, 323.690



48, 14.574, 290.216



36, 4.661, 323.719



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, 18.087, 324.360



62, 27.233, 324.589



50, 13.399, 342.551



27, 5.376, 323.853



30, 71.246, 326.761



0, 2.481, 323.410

Inverse Universe

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



49, 10.922, 17.643



61, 16.693, 18.104



55, 13.160, 159.529



27, 3.149, 16.766



27, 61.939, 37.128



0, 1.417, 16.206

Previews

White Background



This preview shows how the CIELCh color 50, 18.089, 324.360 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, 18.089, 324.360 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, 18.089, 324.360

Background



This preview shows how black text looks on a background with the CIELCh color 50, 18.089, 324.360.



This preview shows how white text looks on a background with the CIELCh color 50, 18.089, 324.360.

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, 18.089, 324.360

Protanopia

50, 14.090, 286.004

Deuteranopia

50, 12.065, 304.462



Tritanopia
50, 9.377, 350.727

Trichromacy



Original Color
50, 18.089, 324.360

Protanomaly
50, 14.947, 302.170

Deuteranomaly
50, 14.039, 314.337

Tritanomaly
50, 12.038, 338.128

Monochromacy



Original Color
50, 18.089, 324.360

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 6.884, 322.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 18.089, 324.360 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, 111, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 111, 137)  
}
```

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, 111, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 111, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 18.089, 324.360 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, 111, 137) }
```

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

```
.border{ border-color:rgb(136, 111, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 111, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 111, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 111, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 111,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 18.089, 324.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 111, 137) }
```

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

```
.background{ background-color: rgb(136,  
111, 137) }
```

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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