

Converting Colors

CIELCh(49, 9.287, 331.219)

Have a look what the booklet for
CIELCh(49, 9.287, 331.219) contains.

CIELCh(49, 9.291, 331.211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 9.291, 331.211)

Conversions

Conversions Part 1

Format	Color
Hex	7F707C
RGB	127, 112, 124
RGB Percent	50%, 44%, 49%
CMY	0.5015, 0.5603, 0.5132
CMYK	0.00, 0.12, 0.02, 0.50
HSL	312°, 6%, 47%
HSV	312°, 12%, 50%
XYZ	18.2234, 17.5941, 21.5443
YIQ	117.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

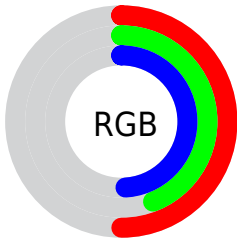
Format	Color
R_{YB}	127, 112, 124
Decimal	8351868
CIE _{Lab}	49.00, 8.14, -4.47
CIE _{LCh}	49, 9.291, 331.211
Yxy	17.5941, 0.3177, 0.3067
Android (android.graphics.Color)	4286541948 (0xFF7F707C)
YUV	117.8530, 3.0305, 8.0219
Hunter-Lab	41.9453, 4.1464, -1.0914

Details

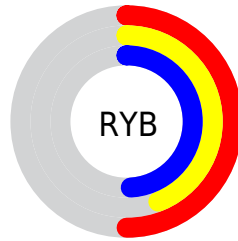
The CIELCh color $49, 9.291, 331.211$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 9.259, 149.806$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 8.957, 332.876$, and $29, 9.374, 332.049$ is the 20% darker color. If you saturate the color by 10%, you get $46, 17.233, 331.845$, and if you desaturate by 10%, it is $53, 1.411, 330.480$.

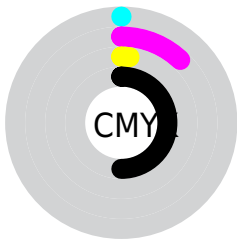
Distribution



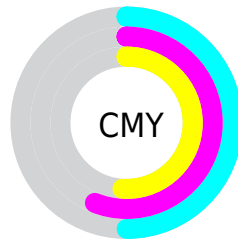
- Red (50%)
- Green (44%)
- Blue (49%)



- Red (50%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (50%)






















- Cyan (50%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 9.291, 331.211 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 49, 9.291, 331.211 by changing the saturation by 10% instead.

- | | |
|--|--|
|  49, 9.291, 331.211 |  49, 9.291, 331.211 |
|  100, 9.291,
331.211 |  39, 9.291, 331.211 |
|  |  29, 9.291, 331.211 |
|  69, 9.291, 331.211 |  19, 9.291, 331.211 |
|  79, 9.291, 331.211 |  9, 9.291, 331.211 |
|  89, 9.291, 331.211 |  0, 9.291, 331.211 |
|  99, 9.291, 331.211 | |

- | | |
|--|--|
|  49, 9.291, 331.211 |  49, 9.291, 331.211 |
|  46, 17.233,
331.845 |  53, 1.411, 330.480 |
|  42, 25.122, |  56, 6.326, 150.097 |

332.492

60, 13.877,
149.529

39, 32.785,
333.158

64, 21.220,
149.001

36, 39.984,
333.845

67, 28.345,
148.502

34, 46.424,
334.558

71, 35.254,
148.031

32, 51.774,
335.310

75, 41.954,
147.585

30, 55.726,
336.118

79, 48.455,
147.165

29, 58.080,
337.013

83, 54.769,
146.770

28, 59.342,
337.784

Harmonies

Complementary

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



49, 9.291, 331.211



52, 9.259, 149.806

Rectangle

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



49, 9.291, 331.211



49, 9.291, 21.211



49, 9.291, 151.211



49, 9.291, 201.211

Sweetspot

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



49, 9.289, 331.212



66, 3.893, 330.703



48, 8.954, 298.812



34, 2.789, 330.752



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 9.289, 331.212



62, 13.710, 331.372



49, 6.693, 357.001



25, 4.440, 331.041



28, 59.466, 337.787



0, 0.000, 0.000

Inverse Universe

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



49, 9.289, 331.212



62, 13.710, 331.372



52, 6.479, 174.963



25, 4.440, 331.041



28, 59.466, 337.787



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 9.291, 331.211 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 49, 9.291, 331.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

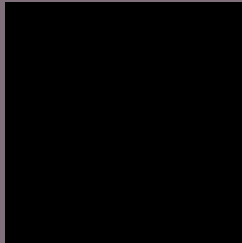
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 9.291, 331.211

Background



This preview shows how black text looks on a background with the CIELCh color 49, 9.291, 331.211.



This preview shows how white text looks on a background with the CIELCh color 49, 9.291, 331.211.

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

49, 9.291, 331.211

Protanopia

49, 5.876, 290.957

Deuteranopia

49, 7.848, 324.883



Tritanopia
49, 7.371, 340.785

Trichromacy



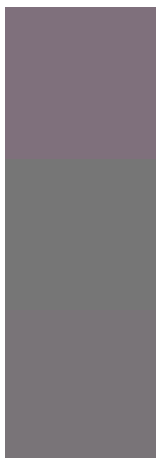
Original Color
49, 9.291, 331.211

Protanomaly
49, 6.226, 309.395

Deuteranomaly
49, 8.079, 327.273

Tritanomaly
49, 7.750, 337.427

Monochromacy



Original Color
49, 9.291, 331.211

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 3.109, 330.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 9.291, 331.211 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(127, 112, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 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(127, 112, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 9.291, 331.211 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(127, 112, 124) }
```

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

```
.border{ border-color:rgb(127, 112, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 112, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 112, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 112, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 112,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 9.291, 331.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 124) }
```

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

```
.background{ background-color: rgb(127,  
112, 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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