

Converting Colors

CIELCh(49, 8.957, 282.533)

Have a look what the booklet for
CIELCh(49, 8.957, 282.533) contains.

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Color

CIELCh(49, 8.911, 281.520)

Conversions

Conversions Part 1

Format	Color
Hex	707483
RGB	112, 116, 131
RGB Percent	44%, 45%, 51%
CMY	0.5605, 0.5448, 0.4860
CMYK	0.14, 0.11, 0.00, 0.49
HSL	227°, 8%, 48%
HSV	227°, 14%, 51%
XYZ	17.0433, 17.5941, 23.9925
YIQ	116.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

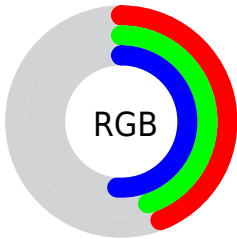
Format	Color
R_{YB}	112, 115, 131
Decimal	7369859
CIE Lab	49.00, 1.78, -8.73
CIE LCh	49, 8.911, 281.520
Yxy	17.5941, 0.2907, 0.3001
Android (android.graphics.Color)	4285559939 (0xFF707483)
YUV	116.5140, 7.1416, -3.9588
Hunter-Lab	41.9453, -0.8756, -4.5519

Details

The CIELCh color **49, 8.911, 281.520** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53, 8.783, 98.142**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 8.881, 281.719**, and **29, 9.120, 281.686** is the 20% darker color. If you saturate the color by 10%, you get **45, 15.262, 282.951**, and if you desaturate by 10%, it is **53, 2.732, 280.304**.

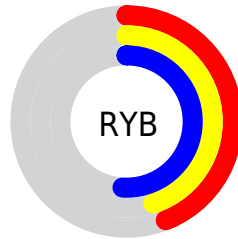
Distribution



Red (44%)

Green (45%)

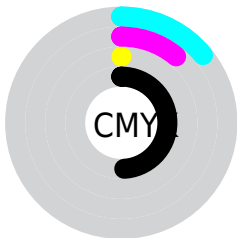
Blue (51%)



Red (44%)

Yellow (45%)

Blue (51%)

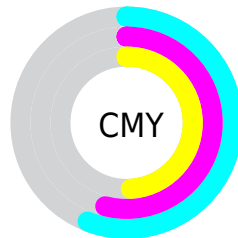


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 8.911, 281.520 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, 8.911, 281.520 by changing the saturation by 10% instead.

■ 49, 8.911, 281.520

■ 49, 8.911, 281.520

■ 100, 8.911,
281.520

■ 39, 8.911, 281.520

■ 69, 8.911, 281.520

■ 29, 8.911, 281.520

■ 79, 8.911, 281.520

■ 19, 8.911, 281.520

■ 89, 8.911, 281.520

■ 9, 8.911, 281.520

■ 99, 8.911, 281.520

■ 0, 8.911, 281.520

■ 49, 8.911, 281.520

■ 49, 8.911, 281.520

■ 45, 15.262,
282.951

■ 53, 2.732, 280.304

■ 41, 21.803,

■ 57, 3.284, 99.151

284.625

61, 9.145, 98.243

37, 28.551,
286.567

65, 14.860, 97.434

33, 35.524,
288.804

69, 20.433, 96.722

29, 42.734,
291.337

73, 25.872, 96.092

26, 50.153,
294.123

76, 31.180, 95.532

22, 57.664,
297.056

80, 36.363, 95.032

19, 64.972,
299.930

84, 41.427, 94.583

18, 68.774,
301.284

Harmonies

Complementary

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



49, 8.911, 281.520



53, 8.783, 98.142

Rectangle

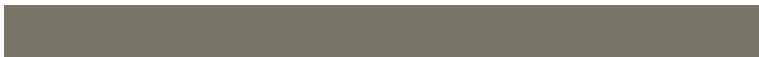
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 8.911, 281.520



49, 8.911, 331.520



49, 8.911, 101.520



49, 8.911, 151.520

Sweetspot

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



49, 8.910, 281.515



68, 3.017, 280.262



53, 7.768, 180.765



35, 2.162, 280.332



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 8.910, 281.515



62, 13.026, 281.908



48, 11.433, 302.052



26, 3.476, 280.835



18, 68.341, 301.262



0, 0.823, 279.761

Inverse Universe

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



49, 8.171, 3.763



62, 11.982, 4.081



54, 11.124, 120.355



26, 3.167, 3.199



26, 55.206, 26.846



0, 0.742, 2.443

Previews

White Background



This preview shows how the CIE LCh color 49, 8.911, 281.520 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, 8.911, 281.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

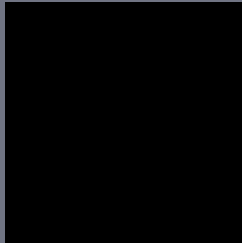
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

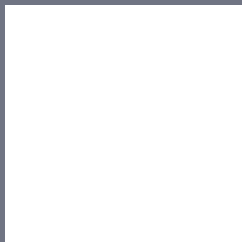
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 8.911, 281.520

Background



This preview shows how black text looks on a background with the CIELCh color 49, 8.911, 281.520.



This preview shows how white text looks on a background with the CIELCh color 49, 8.911, 281.520.

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, 8.911, 281.520

Protanopia

49, 9.412, 289.097

Deuteranopia

49, 11.549, 305.098



Tritanopia
49, 5.725, 267.003

Trichromacy



Original Color
49, 8.911, 281.520

Protanomaly
49, 9.428, 286.791

Deuteranomaly
49, 10.677, 297.731

Tritanomaly
49, 6.807, 271.277

Monochromacy



Original Color
49, 8.911, 281.520

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 3.028, 275.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 8.911, 281.520 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(112, 116, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 116, 131)  
}
```

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(112, 116, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 116, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 8.911, 281.520 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(112, 116, 131) }
```

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

```
.border{ border-color:rgb(112, 116, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 116, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 116, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 116, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 116,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 8.911, 281.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 116, 131) }
```

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

```
.background{ background-color: rgb(112,  
116, 131) }
```

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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