

Converting Colors

CIELCh(49, 5.793, 352.002)

Have a look what the booklet for
CIELCh(49, 5.793, 352.002) contains.

CIELCh(49, 6.066, 351.229)	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, 6.066, 351.229)

Conversions

Conversions Part 1

Format	Color
Hex	7E7176
RGB	126, 113, 118
RGB Percent	49%, 44%, 46%
CMY	0.5054, 0.5564, 0.5368
CMYK	0.00, 0.10, 0.06, 0.51
HSL	337°, 5%, 47%
HSV	337°, 10%, 49%
XYZ	17.8192, 17.5941, 19.6352
YIQ	117.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

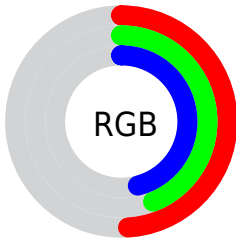
Format	Color
RYB	126, 113, 118
Decimal	8286582
CIELab	49.00, 6.00, -0.92
CIElCh	49, 6.066, 351.229
Yxy	17.5941, 0.3237, 0.3196
Android (android.graphics.Color)	4286476662 (0xFF7E7176)
YUV	117.4570, 0.2677, 7.4922
Hunter-Lab	41.9453, 2.4263, 1.6072

Details

The CIELCh color $49, 6.066, 351.229$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 5.938, 169.539$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.007, 352.768$, and $29, 6.259, 349.661$ is the 20% darker color. If you saturate the color by 10%, you get $45, 12.122, 352.256$, and if you desaturate by 10%, it is $53, 0.182, 348.653$.

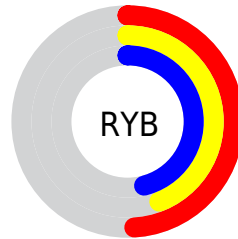
Distribution



Red (49%)

Green (44%)

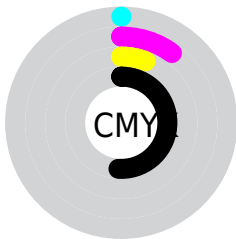
Blue (46%)



Red (49%)

Yellow (44%)

Blue (46%)

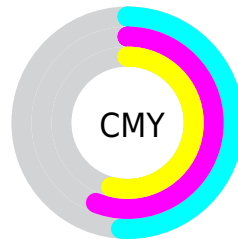


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.066, 351.229 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, 6.066, 351.229 by changing the saturation by 10% instead.

■ 49, 6.066, 351.229

■ 49, 6.066, 351.229

■ 100, 6.066,
351.229

■ 39, 6.066, 351.229

■ 69, 6.066, 351.229

■ 29, 6.066, 351.229

■ 79, 6.066, 351.229

■ 19, 6.066, 351.229

■ 89, 6.066, 351.229

■ 9, 6.066, 351.229

■ 99, 6.066, 351.229

■ 0, 6.066, 351.229

■ 49, 6.066, 351.229

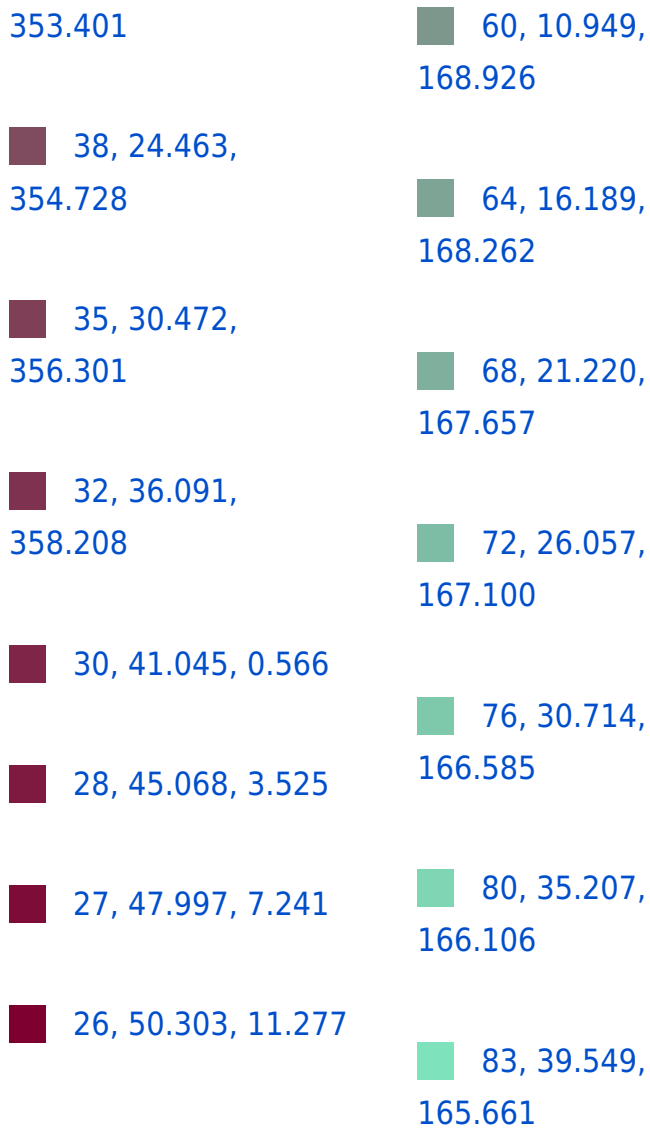
■ 49, 6.066, 351.229

■ 45, 12.122,
352.256

■ 53, 0.182, 348.653

■ 42, 18.291,

■ 57, 5.493, 169.672



Harmonies

Complementary

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



49, 6.066, 351.229



52, 5.938, 169.539

Rectangle

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



49, 6.066, 351.229



49, 6.066, 41.229



49, 6.066, 171.229



49, 6.066, 221.229

Sweetspot

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



49, 6.064, 351.235



66, 2.156, 350.461



49, 8.284, 312.885



34, 1.627, 350.558



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



49, 6.064, 351.235



62, 8.743, 351.430



49, 4.894, 28.789



25, 3.339, 351.117



26, 50.702, 11.340



0, 0.000, 0.000

Inverse Universe

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



49, 6.064, 351.235



62, 8.743, 351.430



51, 4.590, 208.523



25, 3.339, 351.117



26, 50.702, 11.340



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 6.066, 351.229 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 CIELCh color 49, 6.066, 351.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

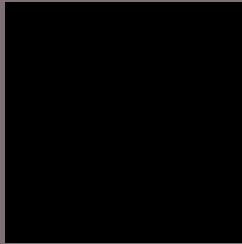
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 6.066, 351.229

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.066, 351.229.



This preview shows how white text looks on a background with the CIELCh color 49, 6.066, 351.229.

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, 6.066, 351.229

Protanopia

49, 2.495, 309.174

Deuteranopia

49, 6.428, 353.067



Tritanopia
49, 7.371, 340.785

Trichromacy



Original Color
49, 6.066, 351.229

Protanomaly
49, 3.391, 335.924

Deuteranomaly
49, 6.428, 353.067

Tritanomaly
49, 7.022, 344.499

Monochromacy



Original Color
49, 6.066, 351.229

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 2.350, 349.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.066, 351.229 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(126, 113, 118)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 118)  
}
```

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(126, 113, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.066, 351.229 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(126, 113, 118) }
```

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

```
.border{ border-color:rgb(126, 113, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 113, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 113, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 113, 118); box-shadow:4px 4px 4px 4px rgb(126, 113, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.066, 351.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 118) }
```

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

```
.background{ background-color: rgb(126,  
113, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor