

Converting Colors

CIELCh(49, 5.664, 215.350)

Have a look what the booklet for
CIELCh(49, 5.664, 215.350) contains.

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Color

CIELCh(49, 5.655, 217.114)

Conversions

Conversions Part 1

Format	Color
Hex	69777A
RGB	105, 119, 122
RGB Percent	41%, 47%, 48%
CMY	0.5883, 0.5334, 0.5217
CMYK	0.14, 0.02, 0.00, 0.52
HSL	191°, 7%, 45%
HSV	191°, 14%, 48%
XYZ	15.9281, 17.5941, 20.9606
YIQ	115.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

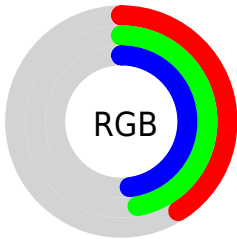
Format	Color
R_{YB}	105, 113, 122
Decimal	6911866
CIE _{Lab}	49.00, -4.51, -3.41
CIE _{LCh}	49, 5.655, 217.114
Yxy	17.5941, 0.2924, 0.3229
Android (android.graphics.Color)	4285101946 (0xFF69777A)
YUV	115.1560, 3.3741, -8.9068
Hunter-Lab	41.9453, -5.6216, -0.2663

Details

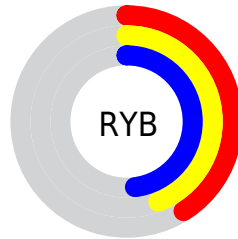
The CIELCh color $49, 5.655, 217.114$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 6.165, 36.635$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 5.695, 215.905$, and $29, 5.534, 212.142$ is the 20% darker color. If you saturate the color by 10%, you get $47, 9.434, 217.419$, and if you desaturate by 10%, it is $51, 1.637, 217.055$.

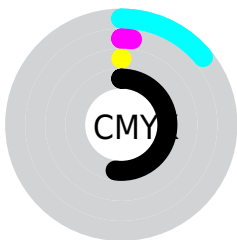
Distribution



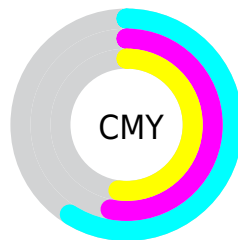
- Red (41%)
- Green (47%)
- Blue (48%)



- Red (41%)
- Yellow (44%)
- Blue (48%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.655, 217.114 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, 5.655, 217.114 by changing the saturation by 10% instead.

■ 49, 5.655, 217.114

■ 49, 5.655, 217.114

■ 100, 5.655,
217.114

■ 39, 5.655, 217.114

■ 69, 5.655, 217.114

■ 29, 5.655, 217.114

■ 79, 5.655, 217.114

■ 19, 5.655, 217.114

■ 89, 5.655, 217.114

■ 9, 5.655, 217.114

■ 99, 5.655, 217.114

■ 0, 5.655, 217.114

■ 49, 5.655, 217.114

■ 49, 5.655, 217.114

■ 47, 9.434, 217.419

■ 51, 1.637, 217.055

■ 46, 12.916,
217.922

■ 52, 2.570, 36.567

45, 16.042,
218.640

54, 6.921, 36.635

43, 18.754,
219.622

56, 11.377, 36.694

57, 15.909, 36.789

42, 21.002,
220.924

59, 20.490, 36.916

41, 22.755,
222.613

61, 25.101, 37.067

63, 29.725, 37.235

40, 24.009,
224.754

65, 34.349, 37.416

39, 24.808,
227.392

39, 25.236,
229.046

Harmonies

Complementary

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



49, 5.655, 217.114



47, 6.165, 36.635

Rectangle

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



49, 5.655, 217.114



49, 5.655, 267.114



49, 5.655, 37.114



49, 5.655, 87.114

Sweetspot

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



49, 5.655, 217.102



64, 2.056, 217.049



49, 10.840, 148.537



33, 1.451, 217.029



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



49, 5.655, 217.102



62, 8.450, 217.192



47, 7.019, 272.941



25, 2.321, 217.019



40, 25.677, 229.138



77, 43.288, 231.141

Inverse Universe

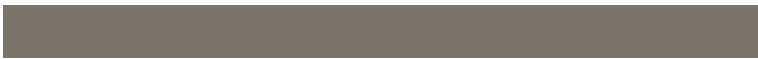
The Inverse Universe completely reimagines the original color for something new.



46, 10.795, 330.513



58, 16.309, 330.726



49, 7.033, 89.439



24, 4.363, 330.214



28, 59.645, 336.419



57, 99.710, 336.949

Previews

White Background



This preview shows how the CIELCh color 49, 5.655, 217.114 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, 5.655, 217.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

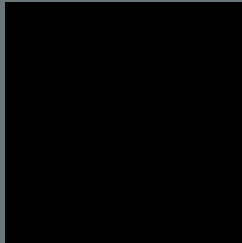
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

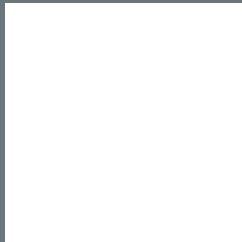
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 5.655, 217.114

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.655, 217.114.



This preview shows how white text looks on a background with the CIELCh color 49, 5.655, 217.114.

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

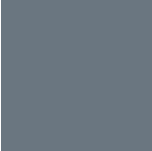
49, 5.655, 217.114

Protanopia

49, 2.393, 300.098

Deuteranopia

49, 7.374, 327.458



Tritanopia
49, 7.333, 252.558

Trichromacy



Original Color
49, 5.655, 217.114

Protanomaly
49, 2.808, 256.308

Deuteranomaly
49, 4.785, 300.300

Tritanomaly
49, 6.480, 245.738

Monochromacy



Original Color
49, 5.655, 217.114

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 2.291, 230.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.655, 217.114 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(105, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(105, 119, 122)  
}
```

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(105, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 119, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.655, 217.114 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(105, 119, 122) }
```

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

```
.border{ border-color:rgb(105, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 119, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 119, 122); box-shadow:4px 4px 4px 4px rgb(105, 119, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.655, 217.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 119, 122) }
```

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

```
.background{ background-color: rgb(105,  
119, 122) }
```

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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