

Converting Colors

CIELCh(48, 7.857, 262.114)

Have a look what the booklet for
CIELCh(48, 7.857, 262.114) contains.

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Color

CIELCh(48, 7.938, 262.557)

Conversions

Conversions Part 1

Format	Color
Hex	69737F
RGB	105, 115, 127
RGB Percent	41%, 45%, 50%
CMY	0.5883, 0.5490, 0.5020
CMYK	0.17, 0.09, 0.00, 0.50
HSL	213°, 9%, 45%
HSV	213°, 17%, 50%
XYZ	15.7848, 16.7945, 22.4853
YIQ	113.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

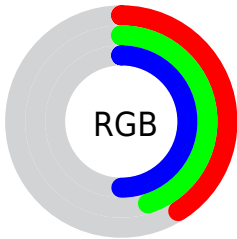
Format	Color
R_{YB}	105, 112, 127
Decimal	6910847
CIE Lab	48.00, -1.03, -7.87
CIE LCh	48, 7.938, 262.557
Yxy	16.7945, 0.2867, 0.3050
Android (android.graphics.Color)	4285100927 (0xFF69737F)
YUV	113.3780, 6.7156, -7.3475
Hunter-Lab	40.9810, -2.9635, -3.8442

Details

The CIELCh color $48, 7.938, 262.557$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 8.185, 78.036$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 8.100, 261.639$, and $28, 7.889, 264.122$ is the 20% darker color. If you saturate the color by 10%, you get $45, 12.498, 264.219$, and if you desaturate by 10%, it is $51, 3.360, 261.156$.

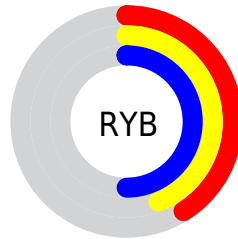
Distribution



Red (41%)

Green (45%)

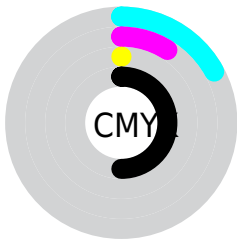
Blue (50%)



Red (41%)

Yellow (44%)

Blue (50%)

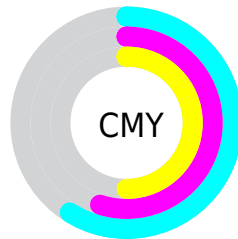


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (59%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 7.938, 262.557 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 48, 7.938, 262.557 by changing the saturation by 10% instead.

■ 48, 7.938, 262.557

■ 48, 7.938, 262.557

■ 100, 7.938,
262.557

■ 38, 7.938, 262.557

■ 68, 7.938, 262.557

■ 28, 7.938, 262.557

■ 78, 7.938, 262.557

■ 18, 7.938, 262.557

■ 88, 7.938, 262.557

■ 8, 7.938, 262.557

■ 98, 7.938, 262.557

■ 0, 7.938, 262.557

■ 48, 7.938, 262.557

■ 48, 7.938, 262.557

■ 45, 12.498,
264.219

■ 51, 3.360, 261.156

■ 42, 17.034,

■ 54, 1.221, 79.661

266.187

57, 5.796, 78.754

39, 21.541,
268.500

60, 10.354, 77.851

36, 26.023,
271.202

63, 14.888, 77.053

34, 30.497,
274.323

66, 19.388, 76.349

31, 34.998,
277.860

72, 28.269, 75.166

28, 39.572,
281.753

75, 32.641, 74.664

26, 44.276,
285.757

25, 45.573,
286.737

Harmonies

Complementary

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



48, 7.938, 262.557



50, 8.185, 78.036

Rectangle

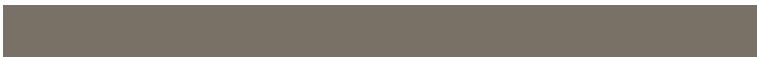
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48, 7.938, 262.557



48, 7.938, 312.557



48, 7.938, 82.557



48, 7.938, 132.557

Sweetspot

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



48, 7.937, 262.550



66, 2.855, 260.899



51, 10.611, 164.040



35, 1.963, 260.965



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 7.937, 262.550



60, 11.956, 263.214



45, 13.145, 293.207



25, 2.594, 261.382



25, 45.723, 286.755



0, 0.000, 0.000

Inverse Universe

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



47, 10.792, 347.650



58, 16.338, 348.063



53, 12.655, 109.972



25, 3.488, 346.876



26, 50.532, 4.742



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 7.938, 262.557 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 48, 7.938, 262.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

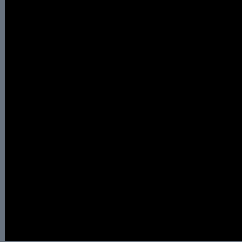
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

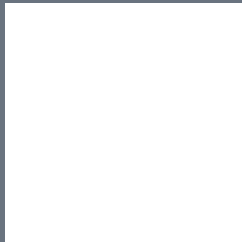
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 7.938, 262.557

Background



This preview shows how black text looks on a background with the CIELCh color 48, 7.938, 262.557.



This preview shows how white text looks on a background with the CIELCh color 48, 7.938, 262.557.

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

48, 7.938, 262.557

Protanopia

48, 7.675, 288.322

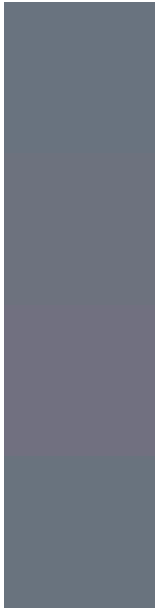
Deuteranopia

48, 10.444, 306.569



Tritanopia
48, 6.945, 257.555

Trichromacy



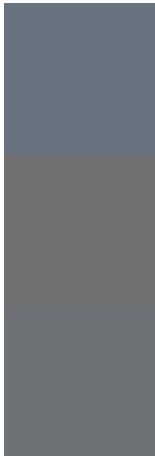
Original Color
48, 7.938, 262.557

Protanomaly
48, 7.291, 275.853

Deuteranomaly
48, 9.468, 293.769

Tritanomaly
48, 7.435, 260.218

Monochromacy



Original Color
48, 7.938, 262.557

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 2.820, 256.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 7.938, 262.557 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, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 127)  
}
```

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, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 7.938, 262.557 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, 115, 127) }
```

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

```
.border{ border-color:rgb(105, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 115, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 115, 127); box-shadow:4px 4px 4px 4px rgb(105, 115, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 7.938, 262.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 127) }
```

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

```
.background{ background-color: rgb(105,  
115, 127) }
```

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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