

Converting Colors

CIELCh(50, 5.357, 260.513)

Have a look what the booklet for
CIELCh(50, 5.357, 260.513) contains.

CIELCh(50, 5.349, 260.502)	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(50, 5.349, 260.502)

Conversions

Conversions Part 1

Format	Color
Hex	717880
RGB	113, 120, 128
RGB Percent	44%, 47%, 50%
CMY	0.5578, 0.5304, 0.4990
CMYK	0.12, 0.06, 0.00, 0.50
HSL	212°, 6%, 47%
HSV	212°, 12%, 50%
XYZ	17.3439, 18.4187, 22.9754
YIQ	118.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

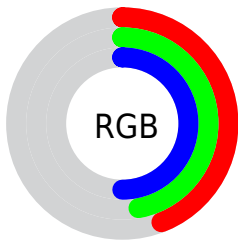
Format	Color
R_{YB}	113, 118, 128
Decimal	7436416
CIE Lab	50.00, -0.88, -5.28
CIE LCh	50, 5.349, 260.502
Yxy	18.4187, 0.2953, 0.3136
Android (android.graphics.Color)	4285626496 (0xFF717880)
YUV	118.8190, 4.5262, -5.1033
Hunter-Lab	42.9170, -2.9679, -1.6988

Details

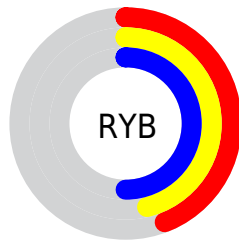
The CIELCh color **50, 5.349, 260.502** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 5.464, 77.475**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 5.504, 263.084**, and **30, 5.266, 257.664** is the 20% darker color. If you saturate the color by 10%, you get **47, 9.881, 262.004**, and if you desaturate by 10%, it is **53, 0.797, 259.441**.

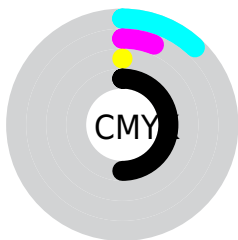
Distribution



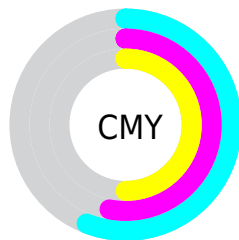
- Red (44%)
- Green (47%)
- Blue (50%)



- Red (44%)
- Yellow (46%)
- Blue (50%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 5.349, 260.502 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 50, 5.349, 260.502 by changing the saturation by 10% instead.

■ 50, 5.349, 260.502

■ 50, 5.349, 260.502

■ 100, 5.349,
260.502

■ 40, 5.349, 260.502

■ 70, 5.349, 260.502

■ 30, 5.349, 260.502

■ 80, 5.349, 260.502

■ 20, 5.349, 260.502

■ 90, 5.349, 260.502

■ 10, 5.349, 260.502

■ 0, 5.349, 260.502

■ 50, 5.349, 260.502

■ 50, 5.349, 260.502

■ 47, 9.881, 262.004

■ 53, 0.797, 259.441

■ 44, 14.382,
263.800

■ 56, 3.760, 77.941

■ 59, 8.312, 77.004

41, 18.843,
265.918

62, 12.848, 76.168

38, 23.261,
268.406

65, 17.359, 75.431

36, 27.644,
271.308

68, 21.839, 74.779

33, 32.017,
274.642

71, 26.281, 74.200

74, 30.682, 73.681

77, 35.037, 73.214

30, 36.421,
278.386

28, 40.908,
282.452

26, 44.743,
285.688

Harmonies

Complementary

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



50, 5.349, 260.502



51, 5.464, 77.475

Rectangle

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



50, 5.349, 260.502



50, 5.349, 310.502



50, 5.349, 80.502



50, 5.349, 130.502

Sweetspot

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



50, 5.348, 260.490



67, 2.262, 259.555



52, 7.320, 163.636



35, 1.619, 259.620



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 5.348, 260.490



63, 7.888, 260.855



48, 8.852, 291.983



25, 2.566, 260.137



26, 44.672, 285.679



0, 0.000, 0.000

Inverse Universe

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



49, 7.357, 346.419



62, 10.891, 346.658



53, 8.625, 109.776



25, 3.515, 346.176



26, 50.583, 3.606



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 50, 5.349, 260.502 looks on a white background.

Color Contrast Check

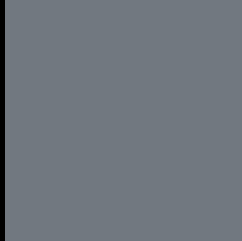
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 5.349, 260.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

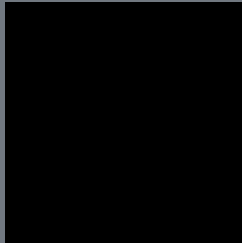
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

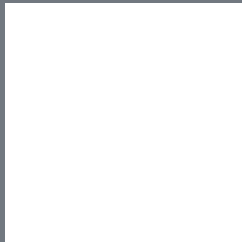
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 5.349, 260.502

Background



This preview shows how black text looks on a background with the CIELCh color 50, 5.349, 260.502.



This preview shows how white text looks on a background with the CIELCh color 50, 5.349, 260.502.

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

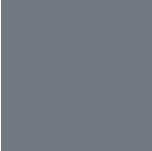
50, 5.349, 260.502

Protanopia

50, 5.293, 295.106

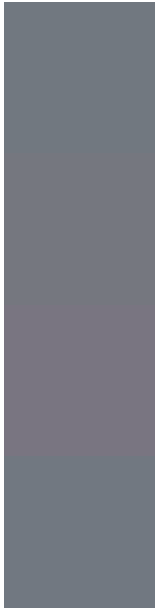
Deuteranopia

50, 9.320, 318.822



Tritanopia
50, 5.856, 263.534

Trichromacy



Original Color
50, 5.349, 260.502

Protanomaly
50, 4.732, 281.316

Deuteranomaly
50, 7.227, 303.542

Tritanomaly
50, 5.856, 263.534

Monochromacy



Original Color
50, 5.349, 260.502

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 1.918, 266.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 5.349, 260.502 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(113, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 120, 128)  
}
```

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(113, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 120, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 5.349, 260.502 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(113, 120, 128) }
```

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

```
.border{ border-color:rgb(113, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 120, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 120, 128); box-shadow:4px 4px 4px 4px rgb(113, 120, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 5.349, 260.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 120, 128) }
```

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

```
.background{ background-color: rgb(113,  
120, 128) }
```

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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