

Converting Colors

CIELCh(50, 17.947, 261.293)

Have a look what the booklet for
CIELCh(50, 17.947, 261.293)
contains.

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Color

CIELCh(50, 17.927, 261.245)

Conversions

Conversions Part 1

Format	Color
Hex	5F7A95
RGB	95, 122, 149
RGB Percent	37%, 48%, 58%
CMY	0.6287, 0.5228, 0.4170
CMYK	0.36, 0.18, 0.00, 0.42
HSL	210°, 22%, 48%
HSV	210°, 36%, 58%
XYZ	17.0074, 18.4187, 30.9570
YIQ	117.0050, -24.7590, 2.6730

Conversions

Conversions Part 2

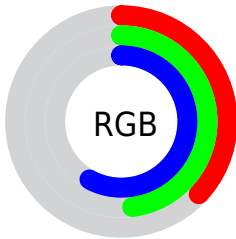
Format	Color
R _Y B	95, 113, 149
Decimal	6257301
CIE Lab	50.00, -2.73, -17.72
CIE LCh	50, 17.927, 261.245
Yxy	18.4187, 0.2562, 0.2775
Android (android.graphics.Color)	4284447381 (0xFF5F7A95)
YUV	117.0050, 15.7735, -19.2984
Hunter-Lab	42.9170, -4.3674, -12.7254

Details

The CIELCh color $50, 17.927, 261.245$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $53, 19.806, 71.000$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 17.974, 261.591$, and $30, 17.700, 259.495$ is the 20% darker color. If you saturate the color by 10%, you get $47, 22.682, 263.578$, and if you desaturate by 10%, it is $53, 13.080, 259.276$.

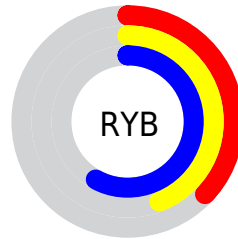
Distribution



Red (37%)

Green (48%)

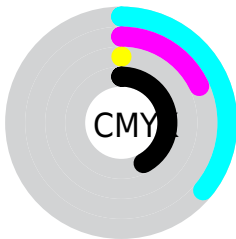
Blue (58%)



Red (37%)

Yellow (44%)

Blue (58%)

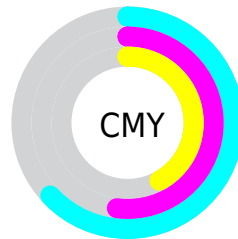


Cyan (36%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (63%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 17.927, 261.245 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, 17.927, 261.245 by changing the saturation by 10% instead.

■ 50, 17.927,
261.245

■ 50, 17.927,
261.245

■ 100, 17.927,
261.245

■ 40, 17.927,
261.245

■ 70, 17.927,
261.245

■ 30, 17.927,
261.245

■ 80, 17.927,
261.245

■ 20, 17.927,
261.245

■ 90, 17.927,
261.245

■ 10, 17.927,
261.245

■ 0, 17.927, 261.245

■ 50, 17.927,
261.245

■ 50, 17.927,
261.245

47, 22.682,
263.578

53, 13.080,
259.276

44, 27.344,
266.334

56, 8.156, 257.625

41, 31.927,
269.553

60, 3.173, 256.273

63, 1.851, 74.823

38, 36.469,
273.242

66, 6.898, 73.914

35, 41.033,
277.352

69, 11.950, 73.049

73, 16.996, 72.290

33, 45.698,
281.710

76, 22.022, 71.624

32, 47.477,
283.217

79, 27.021, 71.036

Harmonies

Complementary

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



50, 17.927, 261.245



53, 19.806, 71.000

Rectangle

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



50, 17.927, 261.245



50, 17.927, 311.245



50, 17.927, 81.245



50, 17.927, 131.245

Sweetspot

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



50, 17.926, 261.243



74, 6.846, 256.896



57, 25.977, 159.401



38, 4.583, 257.062



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



50, 17.926, 261.243



61, 26.780, 263.225



43, 32.014, 294.122



30, 2.823, 256.628



30, 44.594, 282.875



1, 2.480, 255.413

Inverse Universe

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



47, 26.754, 347.054



57, 40.093, 348.119



60, 29.375, 106.046



29, 4.068, 344.342



29, 53.710, 0.873



1, 3.520, 343.640

Previews

White Background



This preview shows how the CIELCh color 50, 17.927, 261.245 looks on a white background.

Color Contrast Check

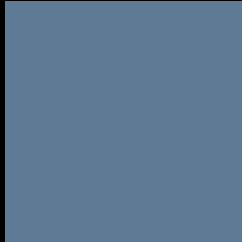
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.927, 261.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

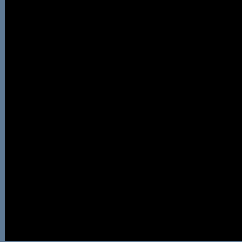
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

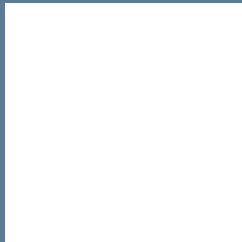
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 17.927, 261.245

Background



This preview shows how black text looks on a background with the CIELCh color 50, 17.927, 261.245.



This preview shows how white text looks on a background with the CIELCh color 50, 17.927, 261.245.

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, 17.927, 261.245

Protanopia

50, 17.042, 286.306

Deuteranopia

50, 19.927, 290.681



Tritanopia
50, 12.969, 225.338

Trichromacy



Original Color
50, 17.927, 261.245

Protanomaly
50, 16.871, 276.465

Deuteranomaly
50, 19.006, 280.886

Tritanomaly
50, 14.078, 240.548

Monochromacy



Original Color
50, 17.927, 261.245

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 6.907, 257.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 17.927, 261.245 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(95, 122, 149)` looks like.

```
.text, #text, p{  
    color:rgb(95, 122, 149)  
}
```

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(95, 122, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 122, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 17.927, 261.245 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(95, 122, 149) }
```

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

```
.border{ border-color:rgb(95, 122, 149) }
```

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

Here you see how a box with a 4 pixel rgb(95, 122, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 122, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 122, 149);  
box-shadow:4px 4px 4px 4px rgb(95, 122,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 17.927, 261.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 122, 149) }
```

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

```
.background{ background-color: rgb(95, 122,  
149) }
```

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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