

Converting Colors

CIELCh(50, 17.311, 253.669)

Have a look what the booklet for
CIELCh(50, 17.311, 253.669)
contains.

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Color

CIELCh(50, 17.362, 253.124)

Conversions

Conversions Part 1

Format	Color
Hex	5B7B93
RGB	91, 123, 147
RGB Percent	36%, 48%, 58%
CMY	0.6441, 0.5186, 0.4245
CMYK	0.38, 0.16, 0.00, 0.42
HSL	206°, 24%, 47%
HSV	206°, 38%, 58%
XYZ	16.5923, 18.4187, 30.1840
YIQ	116.1680, -26.7760, 0.6800

Conversions

Conversions Part 2

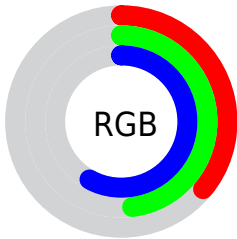
Format	Color
R _Y B	91, 111, 147
Decimal	5995411
CIE Lab	50.00, -5.04, -16.61
CIE LCh	50, 17.362, 253.124
Yxy	18.4187, 0.2545, 0.2825
Android (android.graphics.Color)	4284185491 (0xFF5B7B93)
YUV	116.1680, 15.2002, -22.0723
Hunter-Lab	42.9170, -6.0942, -11.6575

Details

The CIELCh color $50, 17.362, 253.124$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 20.252, 63.270$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 17.466, 253.878$, and $30, 17.333, 253.433$ is the 20% darker color. If you saturate the color by 10%, you get $47, 21.530, 255.445$, and if you desaturate by 10%, it is $53, 13.010, 251.195$.

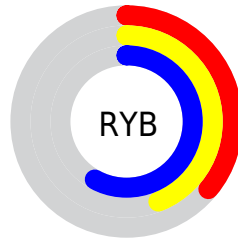
Distribution



Red (36%)

Green (48%)

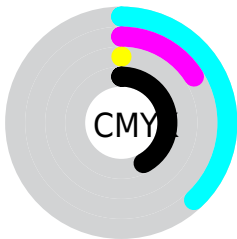
Blue (58%)



Red (36%)

Yellow (44%)

Blue (58%)

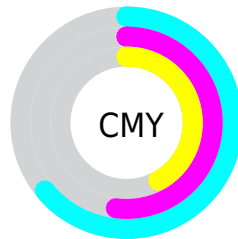


Cyan (38%)

Magenta (16%)

Yellow (0%)

Black (42%)



Cyan (64%)


Magenta (52%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 17.362, 253.124 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, 17.362, 253.124 by changing the saturation by 10% instead.


 50, 17.362,
253.124


 50, 17.362,
253.124


 100, 17.362,
253.124


 40, 17.362,
253.124


 70, 17.362,
253.124

 30, 17.362,
253.124


 80, 17.362,
253.124


 20, 17.362,
253.124

 90, 17.362,
253.124

 10, 17.362,
253.124

 0, 17.362, 253.124

 50, 17.362,
253.124

 50, 17.362,
253.124

47, 21.530,
255.445

53, 13.010,
251.195

45, 25.501,
258.229

56, 8.500, 249.602

42, 29.282,
261.530

58, 3.861, 248.311

61, 0.877, 66.721

40, 32.908,
265.370

64, 5.689, 66.103

37, 36.449,
269.716

67, 10.551, 65.331

70, 15.442, 64.660

35, 40.028,
274.322

73, 20.346, 64.078

35, 40.715,
275.121

76, 25.250, 63.572

Harmonies

Complementary

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



50, 17.362, 253.124



51, 20.252, 63.270

Rectangle

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



50, 17.362, 253.124



50, 17.362, 303.124



50, 17.362, 73.124



50, 17.362, 123.124

Sweetspot

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



50, 17.361, 253.122



73, 6.445, 248.674



56, 28.446, 155.993



38, 4.359, 248.826



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, 17.361, 253.122



61, 25.582, 255.144



42, 30.996, 291.731



30, 2.690, 248.432



33, 38.679, 274.810



1, 2.376, 247.310

Inverse Universe

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



46, 29.019, 343.283



55, 43.100, 344.262



58, 28.677, 102.709



29, 4.272, 340.641



29, 54.844, 354.498



1, 3.702, 339.985

Previews

White Background



This preview shows how the CIELCh color 50, 17.362, 253.124 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 CIELCh color 50, 17.362, 253.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

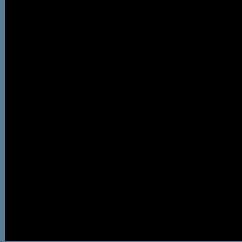
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

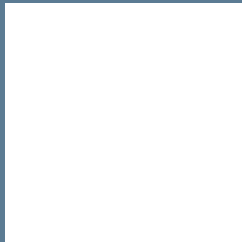
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 17.362, 253.124

Background



This preview shows how black text looks on a background with the CIELCh color 50, 17.362, 253.124.



This preview shows how white text looks on a background with the CIELCh color 50, 17.362, 253.124.

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, 17.362, 253.124

Protanopia

50, 15.273, 286.664

Deuteranopia

50, 18.757, 291.483



Tritanopia
50, 14.102, 222.885

Trichromacy



Original Color
50, 17.362, 253.124

Protanomaly
50, 15.309, 273.016

Deuteranomaly
50, 17.939, 278.819

Tritanomaly
50, 14.728, 235.239

Monochromacy



Original Color
50, 17.362, 253.124

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 6.664, 251.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 17.362, 253.124 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(91, 123, 147)` looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 147)  
}
```

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(91, 123, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 17.362, 253.124 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(91, 123, 147) }
```

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

```
.border{ border-color:rgb(91, 123, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 123, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 147);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 17.362, 253.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 147) }
```

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

```
.background{ background-color: rgb(91, 123,  
147) }
```

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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