

Converting Colors

CIELCh(50, 14.495, 259.958)

Have a look what the booklet for
CIELCh(50, 14.495, 259.958)
contains.

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Color

CIELCh(50, 14.618, 261.247)

Conversions

Conversions Part 1

Format	Color
Hex	64798F
RGB	100, 121, 143
RGB Percent	39%, 47%, 56%
CMY	0.6072, 0.5249, 0.4386
CMYK	0.30, 0.15, 0.00, 0.44
HSL	211°, 18%, 48%
HSV	211°, 30%, 56%
XYZ	17.0989, 18.4187, 28.7045
YIQ	117.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

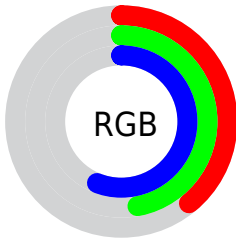
Format	Color
R_{YB}	100, 114, 143
Decimal	6584719
CIE _{Lab}	50.00, -2.22, -14.45
CIE _{LCh}	50, 14.618, 261.247
Yxy	18.4187, 0.2662, 0.2868
Android (android.graphics.Color)	4284774799 (0xFF64798F)
YUV	117.2290, 12.7051, -15.1098
Hunter-Lab	42.9170, -3.9870, -9.6135

Details

The CIELCh color $50, 14.618, 261.247$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 15.747, 73.001$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 14.781, 262.341$, and $30, 14.696, 260.039$ is the 20% darker color. If you saturate the color by 10%, you get $47, 19.366, 263.336$, and if you desaturate by 10%, it is $53, 9.801, 259.481$.

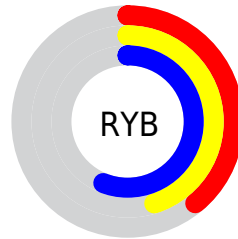
Distribution



Red (39%)

Green (47%)

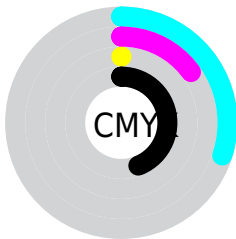
Blue (56%)



Red (39%)

Yellow (45%)

Blue (56%)

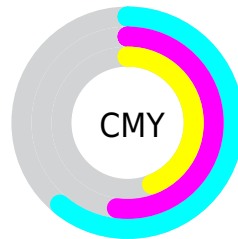


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (52%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 14.618, 261.247 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, 14.618, 261.247 by changing the saturation by 10% instead.


 50, 14.618,
261.247


 50, 14.618,
261.247


 100, 14.618,
261.247


 40, 14.618,
261.247


 70, 14.618,
261.247

 30, 14.618,
261.247

 80, 14.618,
261.247

 20, 14.618,
261.247

 90, 14.618,
261.247

 10, 14.618,
261.247

 0, 14.618, 261.247

 50, 14.618,
261.247

 50, 14.618,
261.247

47, 19.366,
263.336

53, 9.801, 259.481

44, 24.040,
265.809

56, 4.931, 258.007

59, 0.026, 267.501

41, 28.644,
268.710

63, 4.900, 75.522

38, 33.199,
272.070

66, 9.830, 74.609

69, 14.752, 73.802

35, 37.752,
275.875

72, 19.654, 73.093

33, 42.366,
280.048

75, 24.529, 72.467

79, 29.368, 71.912

30, 47.114,
284.205

Harmonies

Complementary

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



50, 14.618, 261.247



53, 15.747, 73.001

Rectangle

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



50, 14.618, 261.247



50, 14.618, 311.247



50, 14.618, 81.247



50, 14.618, 131.247

Sweetspot

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



50, 14.617, 261.244



72, 5.478, 257.895



56, 20.680, 160.957



38, 3.835, 258.070



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 14.617, 261.244



62, 21.617, 262.610



44, 25.802, 293.743



29, 2.768, 257.894



29, 44.945, 283.945



1, 1.877, 256.678

Inverse Universe

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



47, 21.289, 347.018



58, 31.647, 347.782



58, 24.045, 107.360



28, 3.920, 344.983



28, 52.886, 1.879



1, 2.618, 344.279

Previews

White Background



This preview shows how the CIELCh color 50, 14.618, 261.247 looks on a white background.

Color Contrast Check

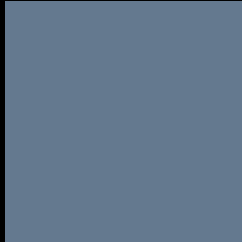
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.618, 261.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

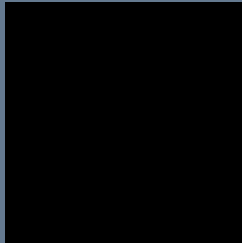
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

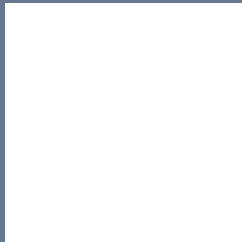
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 14.618, 261.247

Background



This preview shows how black text looks on a background with the CIELCh color 50, 14.618, 261.247.



This preview shows how white text looks on a background with the CIELCh color 50, 14.618, 261.247.

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, 14.618, 261.247

Protanopia

50, 13.510, 285.650

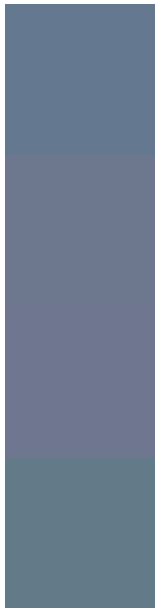
Deuteranopia

50, 16.432, 293.562



Tritanopia
50, 10.685, 231.996

Trichromacy



Original Color
50, 14.618, 261.247

Protanomaly
50, 13.837, 276.697

Deuteranomaly
50, 15.364, 282.648

Tritanomaly
50, 11.865, 246.812

Monochromacy



Original Color
50, 14.618, 261.247

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 5.549, 257.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 14.618, 261.247 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(100, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(100, 121, 143)  
}
```

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(100, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 121, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 14.618, 261.247 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(100, 121, 143) }
```

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

```
.border{ border-color:rgb(100, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(100, 121,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 14.618, 261.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 121, 143) }
```

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

```
.background{ background-color: rgb(100,  
121, 143) }
```

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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