

Converting Colors

CIELCh(51, 15.771, 243.572)

Have a look what the booklet for
CIELCh(51, 15.771, 243.572)
contains.

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Color

CIELCh(51, 15.760, 243.529)

Conversions

Conversions Part 1

Format	Color
Hex	5C7E91
RGB	92, 126, 145
RGB Percent	36%, 49%, 57%
CMY	0.6389, 0.5056, 0.4310
CMYK	0.37, 0.13, 0.00, 0.43
HSL	202°, 22%, 47%
HSV	202°, 37%, 57%
XYZ	17.0100, 19.2686, 29.6439
YIQ	118.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

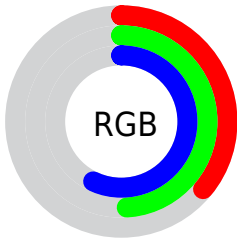
Format	Color
R _Y B	92, 113, 145
Decimal	6061713
CIE Lab	51.00, -7.02, -14.11
CIE LCh	51, 15.760, 243.529
Yxy	19.2686, 0.2580, 0.2923
Android (android.graphics.Color)	4284251793 (0xFF5C7E91)
YUV	118.0000, 13.3110, -22.8020
Hunter-Lab	43.8960, -7.6481, -9.3126

Details

The CIELCh color $51, 15.760, 243.529$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 19.048, 55.838$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 15.761, 242.839$, and $31, 16.009, 244.417$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.542, 245.550$, and if you desaturate by 10%, it is $53, 11.713, 241.884$.

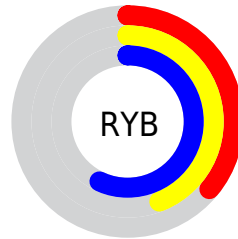
Distribution



Red (36%)

Green (49%)

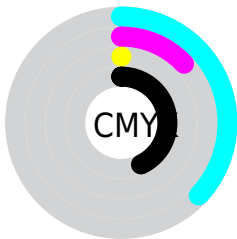
Blue (57%)



Red (36%)

Yellow (44%)

Blue (57%)

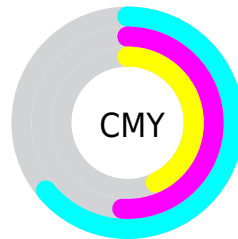


Cyan (37%)

Magenta (13%)

Yellow (0%)

Black (43%)



Cyan (64%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 15.760, 243.529 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 51, 15.760, 243.529 by changing the saturation by 10% instead.

■ 51, 15.760,
243.529

■ 51, 15.760,
243.529

■ 100, 15.760,
243.529

■ 41, 15.760,
243.529

■ 71, 15.760,
243.529

■ 31, 15.760,
243.529

■ 81, 15.760,
243.529

■ 21, 15.760,
243.529

■ 91, 15.760,
243.529

■ 11, 15.760,
243.529

■ 1, 15.760, 243.529

■ 0, 15.760, 243.529

■ 51, 15.760,
243.529

■ 51, 15.760,
243.529

■ 49, 19.542,
245.550

■ 53, 11.713,
241.884

■ 46, 23.031,
248.031

■ 56, 7.444, 240.560

■ 59, 2.992, 239.541

■ 44, 26.213,
251.043

■ 61, 1.604, 58.290

■ 42, 29.103,
254.648

■ 64, 6.310, 57.728

■ 40, 31.758,
258.859

■ 66, 11.094, 57.146

■ 69, 15.934, 56.651

■ 38, 34.295,
263.552

■ 72, 20.807, 56.233

■ 38, 35.209,
265.120

■ 75, 25.698, 55.880

Harmonies

Complementary

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



51, 15.760, 243.529



50, 19.048, 55.838

Rectangle

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



51, 15.760, 243.529



51, 15.760, 293.529



51, 15.760, 63.529



51, 15.760, 113.529

Sweetspot

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



51, 15.759, 243.526



73, 6.195, 239.975



56, 28.491, 153.280



38, 4.141, 240.099



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 15.759, 243.526



63, 23.003, 245.194



43, 27.105, 288.323



29, 2.542, 239.772



35, 33.298, 264.753



1, 1.742, 238.827

Inverse Universe

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



46, 28.813, 339.589



56, 42.696, 340.380



57, 25.587, 99.270



28, 4.359, 337.356



29, 55.919, 348.690



1, 2.920, 336.748

Previews

White Background



This preview shows how the CIELCh color 51, 15.760, 243.529 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 51, 15.760, 243.529 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 51, 15.760, 243.529

Background



This preview shows how black text looks on a background with the CIELCh color 51, 15.760, 243.529.



This preview shows how white text looks on a background with the CIELCh color 51, 15.760, 243.529.

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

51, 15.760, 243.529

Protanopia

51, 12.283, 286.539

Deuteranopia

51, 16.982, 294.785



Tritanopia
51, 14.271, 225.143

Trichromacy



Original Color
51, 15.760, 243.529

Protanomaly
51, 12.576, 267.830

Deuteranomaly
51, 14.994, 276.757

Tritanomaly
51, 14.683, 232.348

Monochromacy



Original Color
51, 15.760, 243.529

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 6.071, 241.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 15.760, 243.529 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(92, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(92, 126, 145)  
}
```

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(92, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 126, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 15.760, 243.529 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(92, 126, 145) }
```

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

```
.border{ border-color:rgb(92, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(92, 126,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 15.760, 243.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 126, 145) }
```

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

```
.background{ background-color: rgb(92, 126,  
145) }
```

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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