

Converting Colors

CIELCh(51, 14.524, 245.187)

Have a look what the booklet for
CIELCh(51, 14.524, 245.187)
contains.

CIELCh(51, 14.524, 245.187)	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(51, 14.524, 245.187)

Conversions

Conversions Part 1

Format	Color
Hex	607E90
RGB	96, 126, 144
RGB Percent	38%, 49%, 56%
CMY	0.6253, 0.5076, 0.4371
CMYK	0.33, 0.13, 0.00, 0.44
HSL	202°, 20%, 47%
HSV	202°, 33%, 56%
XYZ	17.1789, 19.2686, 29.0142
YIQ	119.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

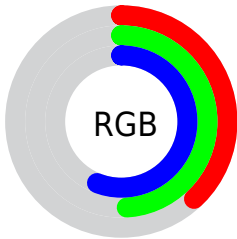
Format	Color
R _Y B	96, 114, 144
Decimal	6323856
CIE Lab	51.00, -6.10, -13.18
CIE LCh	51, 14.524, 245.187
Yxy	19.2686, 0.2624, 0.2943
Android (android.graphics.Color)	4284513936 (0xFF607E90)
YUV	119.0820, 12.2846, -20.2429
Hunter-Lab	43.8960, -6.9611, -8.4620

Details

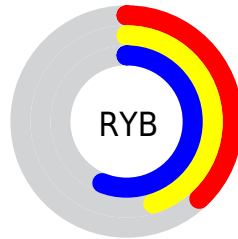
The CIELCh color $51, 14.524, 245.187$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 17.084, 57.871$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 14.521, 244.621$, and $31, 14.682, 246.274$ is the 20% darker color. If you saturate the color by 10%, you get $49, 18.429, 247.145$, and if you desaturate by 10%, it is $54, 10.387, 243.585$.

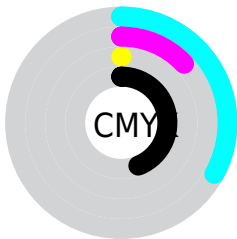
Distribution



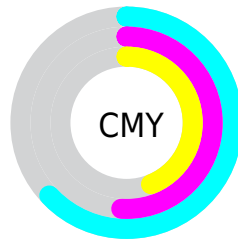
- Red (38%)
- Green (49%)
- Blue (56%)



- Red (38%)
- Yellow (45%)
- Blue (56%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (63%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 14.524, 245.187 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, 14.524, 245.187 by changing the saturation by 10% instead.

■ 51, 14.524,
245.187

■ 51, 14.524,
245.187

■ 100, 14.524,
245.187

■ 41, 14.524,
245.187

■ 71, 14.524,
245.187

■ 31, 14.524,
245.187

■ 81, 14.524,
245.187

■ 21, 14.524,
245.187

■ 91, 14.524,
245.187

■ 11, 14.524,
245.187

■ 1, 14.524, 245.187

■ 0, 14.524, 245.187

51, 14.524,
245.187

51, 14.524,
245.187

49, 18.429,
247.145

54, 10.387,
243.585

46, 22.074,
249.539

56, 6.057, 242.294

44, 25.441,
252.441

59, 1.572, 241.383

61, 3.035, 60.143

42, 28.540,
255.911

64, 7.732, 59.476

40, 31.417,
259.973

67, 12.493, 58.876

69, 17.295, 58.366

38, 34.157,
264.580

72, 22.121, 57.931

36, 36.002,
267.595

75, 26.956, 57.559

Harmonies

Complementary

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



51, 14.524, 245.187



50, 17.084, 57.871

Rectangle

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



51, 14.524, 245.187



51, 14.524, 295.187



51, 14.524, 65.187



51, 14.524, 115.187

Sweetspot

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



51, 14.523, 245.184



72, 5.605, 241.941



56, 25.560, 154.310



38, 3.847, 242.075



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, 14.523, 245.184



63, 21.120, 246.597



44, 24.940, 288.598



29, 2.553, 241.835



34, 34.326, 267.284



1, 1.748, 240.843

Inverse Universe

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



47, 25.886, 340.093



57, 38.147, 340.788



57, 23.598, 100.562



28, 4.309, 338.094



29, 55.443, 349.984



1, 2.886, 337.476

Previews

White Background



This preview shows how the CIELCh color 51, 14.524, 245.187 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 51, 14.524, 245.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

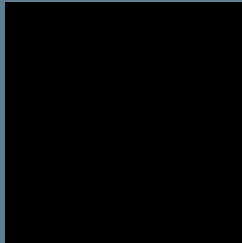
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 14.524, 245.187

Background



This preview shows how black text looks on a background with the CIELCh color 51, 14.524, 245.187.



This preview shows how white text looks on a background with the CIELCh color 51, 14.524, 245.187.

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, 14.524, 245.187

Protanopia

51, 11.681, 288.002

Deuteranopia

51, 15.843, 296.176



Tritanopia
51, 12.946, 225.278

Trichromacy



Original Color
51, 14.524, 245.187

Protanomaly
51, 11.795, 269.727

Deuteranomaly
51, 13.719, 278.091

Tritanomaly
51, 13.124, 233.995

Monochromacy



Original Color
51, 14.524, 245.187

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.802, 244.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 14.524, 245.187 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(96, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(96, 126, 144)  
}
```

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(96, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 126, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 14.524, 245.187 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(96, 126, 144) }
```

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

```
.border{ border-color:rgb(96, 126, 144) }
```

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

Here you see how a box with a 4 pixel rgb(96, 126, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(96, 126,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 14.524, 245.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 126, 144) }
```

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

```
.background{ background-color: rgb(96, 126,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor