

Converting Colors

CIELCh(51, 32.963, 156.863)

Have a look what the booklet for
CIELCh(51, 32.963, 156.863)
contains.

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Color

CIELCh(51, 32.832, 156.754)

Conversions

Conversions Part 1

Format	Color
Hex	438662
RGB	67, 134, 98
RGB Percent	26%, 53%, 38%
CMY	0.7355, 0.4728, 0.6141
CMYK	0.50, 0.00, 0.27, 0.47
HSL	148°, 33%, 40%
HSV	148°, 50%, 53%
XYZ	13.1537, 19.2686, 14.6823
YIQ	109.8630, -28.3760, -25.4000

Conversions

Conversions Part 2

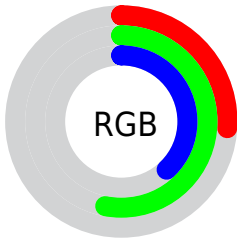
Format	Color
R_{YB}	67, 113, 134
Decimal	4425314
CIE _{Lab}	51.00, -30.17, 12.96
CIE _{LCh}	51, 32.832, 156.754
Yxy	19.2686, 0.2792, 0.4091
Android (android.graphics.Color)	4282615394 (0xFF438662)
YUV	109.8630, -5.8485, -37.5909
Hunter-Lab	43.8960, -23.3296, 10.8960

Details

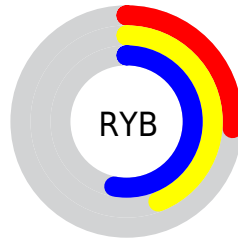
The CIELCh color **51, 32.832, 156.754** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **38, 34.229, 346.489**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 33.030, 156.914**, and **31, 33.193, 156.317** is the 20% darker color. If you saturate the color by 10%, you get **50, 38.665, 155.354**, and if you desaturate by 10%, it is **52, 26.609, 157.989**.

Distribution



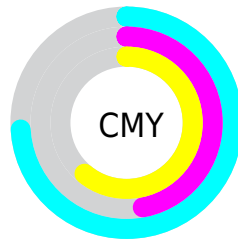
- Red (26%)
- Green (53%)
- Blue (38%)



- Red (26%)
- Yellow (44%)
- Blue (53%)



- Cyan (50%)
- Magenta (0%)
- Yellow (27%)
- Black (47%)





- Cyan (74%)
- Magenta (47%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 32.832, 156.754 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, 32.832, 156.754 by changing the saturation by 10% instead.


 51, 32.832,
156.754


 51, 32.832,
156.754


 100, 32.832,
156.754


 41, 32.832,
156.754


 71, 32.832,
156.754

 31, 32.832,
156.754

 81, 32.832,
156.754

 21, 32.832,
156.754

 91, 32.832,
156.754

 11, 32.832,
156.754

 1, 32.832, 156.754

 0, 32.832, 156.754

■ 51, 32.832,
156.754

■ 51, 32.832,
156.754

■ 50, 38.665,
155.354

■ 52, 26.609,
157.989

■ 50, 44.005,
153.772

■ 53, 20.103,
159.083

■ 49, 48.776,
151.994

■ 54, 13.420,
160.059

■ 49, 52.939,
150.021

■ 55, 6.654, 160.948

■ 49, 56.643,
148.006

■ 56, 0.114, 339.121

■ 49, 56.702,
147.976

■ 57, 6.823, 342.350

■ 59, 13.424,
343.018

■ 61, 19.884,
343.622

■ 62, 26.181,
344.177

Harmonies

Complementary

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



51, 32.832, 156.754



38, 34.229, 346.489

Rectangle

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



51, 32.832, 156.754



51, 32.832, 206.754



51, 32.832, 336.754



51, 32.832, 26.754

Sweetspot

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



51, 32.833, 156.754



70, 12.647, 160.467



52, 39.577, 125.014



36, 8.695, 160.302



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 32.833, 156.754



65, 48.132, 155.125



52, 22.614, 192.176



27, 3.771, 161.010



47, 55.266, 148.056



1, 0.903, 161.679

Inverse Universe

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



38, 34.229, 346.489



46, 50.095, 348.145



37, 31.002, 21.122



26, 3.810, 342.333



27, 52.052, 357.240



0, 0.903, 341.670

Previews

White Background



This preview shows how the CIELCh color 51, 32.832, 156.754 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, 32.832, 156.754 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, 32.832, 156.754

Background



This preview shows how black text looks on a background with the CIELCh color 51, 32.832, 156.754.



This preview shows how white text looks on a background with the CIELCh color 51, 32.832, 156.754.

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, 32.832, 156.754

Protanopia

51, 17.141, 96.153

Deuteranopia

51, 12.952, 58.839



Tritanopia
51, 17.910, 216.974

Trichromacy



Original Color
51, 32.832, 156.754

Protanomaly
51, 20.170, 131.186

Deuteranomaly
50, 13.454, 126.666

Tritanomaly
51, 20.627, 185.799

Monochromacy



Original Color
51, 32.832, 156.754

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 12.381, 159.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 32.832, 156.754 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(67, 134, 98)` looks like.

```
.text, #text, p{  
    color:rgb(67, 134, 98)  
}
```

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(67, 134, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 134, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 32.832, 156.754 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(67, 134, 98) }
```

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

```
.border{ border-color:rgb(67, 134, 98) }
```

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

Here you see how a box with a 4 pixel rgb(67, 134, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 134, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 134, 98);  
box-shadow:4px 4px 4px 4px rgb(67, 134,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 32.832, 156.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 134, 98) }
```

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

```
.background{ background-color: rgb(67, 134,  
98) }
```

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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