

Converting Colors

CIELCh(52, 54.487, 149.000)

Have a look what the booklet for
CIELCh(52, 54.487, 149.000)
contains.

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Color

CIELCh(52, 54.463, 148.904)

Conversions

Conversions Part 1

Format	Color
Hex	1B8E49
RGB	27, 142, 73
RGB Percent	11%, 56%, 29%
CMY	0.8924, 0.4421, 0.7128
CMYK	0.81, 0.00, 0.49, 0.44
HSL	144°, 68%, 33%
HSV	144°, 81%, 56%
XYZ	11.3842, 20.1443, 9.6314
YIQ	99.7490, -46.3910, -45.8390

Conversions

Conversions Part 2

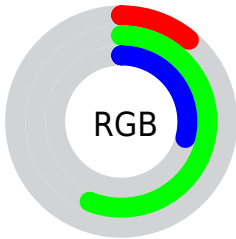
Format	Color
R_{YB}	27, 109, 142
Decimal	1805897
CIE _{Lab}	52.00, -46.64, 28.13
CIE _{LCh}	52, 54.463, 148.904
Yxy	20.1443, 0.2766, 0.4894
Android (android.graphics.Color)	4279995977 (0xFF1B8E49)
YUV	99.7490, -13.1873, -63.8009
Hunter-Lab	44.8824, -33.2686, 18.6946

Details

The CIELCh color **52, 54.463, 148.904** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **33, 53.425, 347.564**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 54.541, 148.967**, and **33, 48.217, 142.371** is the 20% darker color. If you saturate the color by 10%, you get **52, 59.048, 146.941**, and if you desaturate by 10%, it is **52, 49.192, 150.687**.

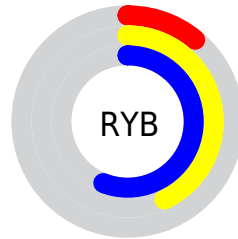
Distribution



Red (11%)

Green (56%)

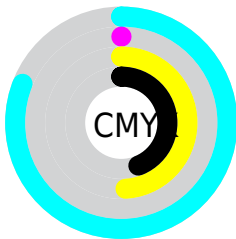
Blue (29%)



Red (11%)

Yellow (43%)

Blue (56%)

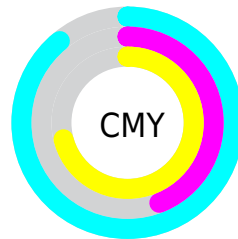


Cyan (81%)

Magenta (0%)

Yellow (49%)

Black (44%)



Cyan (89%)


Magenta (44%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 54.463, 148.904 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 52, 54.463, 148.904 by changing the saturation by 10% instead.


 52, 54.463,
148.904


 52, 54.463,
148.904


 100, 54.463,
148.904

 42, 54.463,
148.904


 72, 54.463,
148.904

 32, 54.463,
148.904

 82, 54.463,
148.904

 22, 54.463,
148.904

 92, 54.463,
148.904

 12, 54.463,
148.904

 2, 54.463, 148.904

 0, 54.463, 148.904

■ 52, 54.463,
148.904

■ 52, 54.463,
148.904

■ 52, 59.048,
146.941

■ 52, 49.192,
150.687

■ 52, 62.817,
145.111

■ 53, 43.284,
152.277

■ 54, 36.832,
153.680

■ 54, 29.953,
154.913

■ 55, 22.770,
155.997

■ 56, 15.403,
156.955

■ 58, 7.960, 157.814

■ 59, 0.527, 159.075

Harmonies

Complementary

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



52, 54.463, 148.904



33, 53.425, 347.564

Rectangle

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



52, 54.463, 148.904



52, 54.463, 198.904



52, 54.463, 328.904



52, 54.463, 18.904

Sweetspot

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



52, 54.463, 148.904



72, 22.206, 156.604



54, 60.857, 122.052



37, 15.360, 156.295



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 54.463, 148.904



66, 76.035, 145.203



53, 33.515, 182.746



30, 4.203, 157.941



49, 60.372, 145.224



2, 2.836, 158.585

Inverse Universe

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



33, 53.425, 347.564



41, 68.787, 351.971



31, 52.538, 25.598



28, 4.236, 339.210



29, 54.803, 351.940



1, 2.836, 338.577

Previews

White Background



This preview shows how the CIELCh color 52, 54.463, 148.904 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 52, 54.463, 148.904 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 52, 54.463, 148.904

Background



This preview shows how black text looks on a background with the CIELCh color 52, 54.463, 148.904.



This preview shows how white text looks on a background with the CIELCh color 52, 54.463, 148.904.

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


52, 54.463, 148.904

Protanopia

52, 32.885, 95.404

Deuteranopia

52, 26.659, 76.124



Tritanopia
52, 23.553, 213.213

Trichromacy



Original Color
52, 54.463, 148.904



Protanomaly
51, 37.272, 128.396



Deuteranomaly
50, 30.223, 125.846



Tritanomaly
52, 30.895, 176.464

Monochromacy



Original Color
52, 54.463, 148.904



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 22.292, 155.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 54.463, 148.904 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(27, 142, 73)` looks like.

```
.text, #text, p{  
    color:rgb(27, 142, 73)  
}
```

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(27, 142, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 142, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 54.463, 148.904 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(27, 142, 73) }
```

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

```
.border{ border-color:rgb(27, 142, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 142, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 142, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 142, 73);  
box-shadow:4px 4px 4px 4px rgb(27, 142,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 54.463, 148.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 142, 73) }
```

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

```
.background{ background-color: rgb(27, 142,  
73) }
```

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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