

Converting Colors

CIELCh(52, 54.832, 147.548)

Have a look what the booklet for
CIELCh(52, 54.832, 147.548)
contains.

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Color

CIELCh(52, 54.672, 147.588)

Conversions

Conversions Part 1

Format	Color
Hex	218E47
RGB	33, 142, 71
RGB Percent	13%, 56%, 28%
CMY	0.8702, 0.4429, 0.7213
CMYK	0.77, 0.00, 0.50, 0.44
HSL	141°, 62%, 34%
HSV	141°, 77%, 56%
XYZ	11.4511, 20.1443, 9.2552
YIQ	101.3150, -42.1730, -45.1890

Conversions

Conversions Part 2

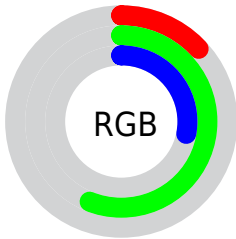
Format	Color
R_{YB}	33, 114, 142
Decimal	2199111
CIE _{Lab}	52.00, -46.15, 29.30
CIE _{LCh}	52, 54.672, 147.588
Yxy	20.1443, 0.2803, 0.4931
Android (android.graphics.Color)	4280389191 (0xFF218E47)
YUV	101.3150, -14.9453, -59.9123
Hunter-Lab	44.8824, -33.0025, 19.1915

Details

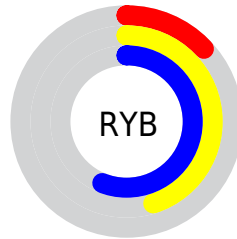
The CIELCh color **52, 54.672, 147.588** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **34, 53.475, 343.665**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 54.803, 147.711**, and **33, 48.974, 141.688** is the 20% darker color. If you saturate the color by 10%, you get **52, 59.752, 145.742**, and if you desaturate by 10%, it is **52, 48.875, 149.261**.

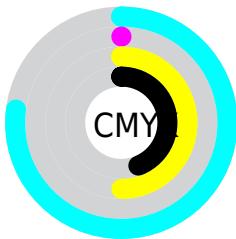
Distribution



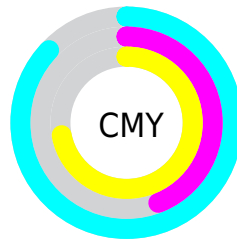
- Red (13%)
- Green (56%)
- Blue (28%)



- Red (13%)
- Yellow (45%)
- Blue (56%)



- Cyan (77%)
- Magenta (0%)
- Yellow (50%)
- Black (44%)





- Cyan (87%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 54.672, 147.588 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, 54.672, 147.588 by changing the saturation by 10% instead.


 52, 54.672,
147.588

 52, 54.672,
147.588


 100, 54.672,
147.588

 42, 54.672,
147.588


 72, 54.672,
147.588

 32, 54.672,
147.588

 82, 54.672,
147.588

 22, 54.672,
147.588

 92, 54.672,
147.588

 12, 54.672,
147.588

 2, 54.672, 147.588

 0, 54.672, 147.588

■ 52, 54.672,
147.588

■ 52, 54.672,
147.588

■ 52, 59.752,
145.742

■ 52, 48.875,
149.261

■ 51, 64.112,
143.796

■ 53, 42.445,
150.748

■ 51, 65.460,
143.208

■ 54, 35.500,
152.057

■ 55, 28.173,
153.202

■ 56, 20.595,
154.206

■ 57, 12.887,
155.091

■ 58, 5.154, 155.896

■ 60, 2.524, 336.418

■ 61, 10.083,
337.111

Harmonies

Complementary

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



52, 54.672, 147.588



34, 53.475, 343.665

Rectangle

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



52, 54.672, 147.588



52, 54.672, 197.588



52, 54.672, 327.588



52, 54.672, 17.588

Sweetspot

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



52, 54.672, 147.588



71, 21.878, 154.504



55, 57.980, 119.876



37, 15.081, 154.208



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 54.672, 147.588



66, 76.019, 144.326



53, 34.176, 178.136



30, 4.363, 155.699



49, 62.980, 143.314



2, 2.941, 156.316

Inverse Universe

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



34, 53.475, 343.665



41, 69.504, 346.769



32, 49.088, 20.212



28, 4.390, 336.910



29, 56.229, 347.908



1, 2.942, 336.308

Previews

White Background



This preview shows how the CIELCh color 52, 54.672, 147.588 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, 54.672, 147.588 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, 54.672, 147.588

Background



This preview shows how black text looks on a background with the CIELCh color 52, 54.672, 147.588.



This preview shows how white text looks on a background with the CIELCh color 52, 54.672, 147.588.

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, 54.672, 147.588

Protanopia
52, 33.409, 95.485

Deuteranopia
52, 27.916, 76.288



Tritanopia
52, 22.945, 213.697

Trichromacy



Original Color
52, 54.672, 147.588



Protanomaly
51, 37.923, 126.614



Deuteranomaly
50, 30.840, 122.917



Tritanomaly
52, 30.641, 175.167

Monochromacy



Original Color
52, 54.672, 147.588



Achromatopsia
43, 0.006, 296.813



Achromatomaly
45, 22.428, 153.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 54.672, 147.588 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(33, 142, 71)` looks like.

```
.text, #text, p{  
    color:rgb(33, 142, 71)  
}
```

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(33, 142, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 142, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 54.672, 147.588 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(33, 142, 71) }
```

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

```
.border{ border-color:rgb(33, 142, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 142, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 142, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 142, 71);  
box-shadow:4px 4px 4px 4px rgb(33, 142,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 54.672, 147.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 142, 71) }
```

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

```
.background{ background-color: rgb(33, 142,  
71) }
```

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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