

Converting Colors

CIELCh(52, 55.955, 146.527)

Have a look what the booklet for
CIELCh(52, 55.955, 146.527)
contains.

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Color

CIELCh(52, 55.917, 146.541)

Conversions

Conversions Part 1

Format	Color
Hex	218E44
RGB	33, 142, 68
RGB Percent	13%, 56%, 27%
CMY	0.8696, 0.4424, 0.7327
CMYK	0.77, 0.00, 0.52, 0.44
HSL	139°, 62%, 34%
HSV	139°, 77%, 56%
XYZ	11.3823, 20.1443, 8.7820
YIQ	100.9730, -41.2100, -46.1220

Conversions

Conversions Part 2

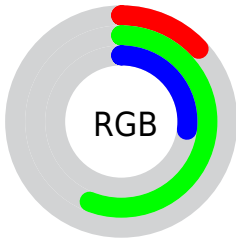
Format	Color
R_{YB}	33, 116, 142
Decimal	2199108
CIE _{Lab}	52.00, -46.65, 30.83
CIE _{LCh}	52, 55.917, 146.541
Yxy	20.1443, 0.2824, 0.4998
Android (android.graphics.Color)	4280389188 (0xFF218E44)
YUV	100.9730, -16.2557, -59.6123
Hunter-Lab	44.8824, -33.2761, 19.8166

Details

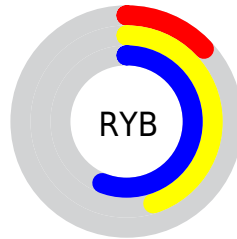
The CIELCh color **52, 55.917, 146.541** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **34, 54.372, 342.012**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 56.037, 146.698**, and **33, 50.057, 140.738** is the 20% darker color. If you saturate the color by 10%, you get **52, 61.112, 144.730**, and if you desaturate by 10%, it is **52, 49.973, 148.189**.

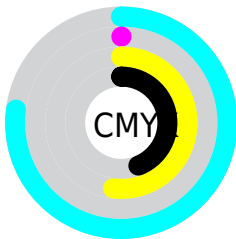
Distribution



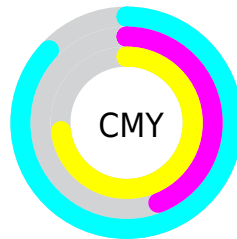
- Red (13%)
- Green (56%)
- Blue (27%)



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



- Cyan (77%)
- Magenta (0%)
- Yellow (52%)
- Black (44%)





- Cyan (87%)
- Magenta (44%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 55.917, 146.541 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, 55.917, 146.541 by changing the saturation by 10% instead.


 52, 55.917,
146.541


 52, 55.917,
146.541


 100, 55.917,
146.541


 42, 55.917,
146.541


 72, 55.917,
146.541


 32, 55.917,
146.541


 82, 55.917,
146.541

 22, 55.917,
146.541

 92, 55.917,
146.541

 12, 55.917,
146.541

 2, 55.917, 146.541

 0, 55.917, 146.541

■ 52, 55.917,
146.541

■ 52, 55.917,
146.541

■ 52, 61.112,
144.730

■ 52, 49.973,
148.189

■ 51, 65.537,
142.833

■ 53, 43.375,
149.658

■ 51, 66.932,
142.249

■ 54, 36.250,
150.951

■ 55, 28.739,
152.082

■ 56, 20.978,
153.070

■ 57, 13.092,
153.938

■ 58, 5.186, 154.725

■ 60, 2.654, 335.239

■ 61, 10.367,
335.906

Harmonies

Complementary

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



52, 55.917, 146.541



34, 54.372, 342.012

Rectangle

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



52, 55.917, 146.541



52, 55.917, 196.541



52, 55.917, 326.541



52, 55.917, 16.541

Sweetspot

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



52, 55.917, 146.541



71, 22.349, 153.353



55, 57.728, 119.156



37, 15.408, 153.063



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, 55.917, 146.541



65, 77.728, 143.331



53, 34.722, 176.565



30, 4.454, 154.525



49, 64.359, 142.354



2, 3.002, 155.128

Inverse Universe

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



34, 54.372, 342.012



41, 70.654, 344.794



32, 48.798, 18.875



28, 4.479, 335.706



29, 57.149, 345.804



1, 3.002, 335.120

Previews

White Background



This preview shows how the CIELCh color 52, 55.917, 146.541 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, 55.917, 146.541 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, 55.917, 146.541

Background



This preview shows how black text looks on a background with the CIELCh color 52, 55.917, 146.541.



This preview shows how white text looks on a background with the CIELCh color 52, 55.917, 146.541.

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, 55.917, 146.541

Protanopia

52, 34.967, 95.703

Deuteranopia

52, 29.419, 77.615



Tritanopia
52, 22.737, 213.868

Trichromacy



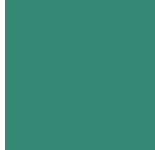
Original Color
52, 55.917, 146.541



Protanomaly
51, 39.386, 125.711



Deuteranomaly
50, 32.401, 121.982



Tritanomaly
52, 30.761, 174.085

Monochromacy



Original Color
52, 55.917, 146.541



Achromatopsia
43, 0.006, 296.813



Achromatomaly
45, 22.869, 152.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 55.917, 146.541 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(33, 142, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 142, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 55.917, 146.541 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, 68) }
```

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

```
.border{ border-color:rgb(33, 142, 68) }
```

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, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 142, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 142, 68);  
box-shadow:4px 4px 4px 4px rgb(33, 142,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 55.917, 146.541 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, 68) }
```

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

```
.background{ background-color: rgb(33, 142,  
68) }
```

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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