

Converting Colors

CIELCh(55, 59.629, 146.328)

Have a look what the booklet for
CIELCh(55, 59.629, 146.328)
contains.

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Color

CIELCh(55, 59.577, 146.353)

Conversions

Conversions Part 1

Format	Color
Hex	209747
RGB	32, 151, 71
RGB Percent	13%, 59%, 28%
CMY	0.8739, 0.4075, 0.7212
CMYK	0.79, 0.00, 0.53, 0.41
HSL	140°, 65%, 36%
HSV	140°, 79%, 59%
XYZ	12.8227, 22.9298, 9.7260
YIQ	106.2990, -45.2440, -50.1080

Conversions

Conversions Part 2

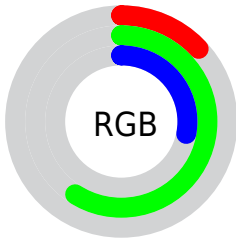
Format	Color
RYB	32, 122, 151
Decimal	2135879
CIELab	55.00, -49.60, 33.01
CIELCh	55, 59.577, 146.353
Yxy	22.9298, 0.2819, 0.5042
Android (android.graphics.Color)	4280325959 (0xFF209747)
YUV	106.2990, -17.4024, -65.1602
Hunter-Lab	47.8851, -36.0002, 21.4771

Details

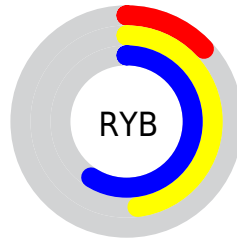
The CIELCh color **55, 59.577, 146.353** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **36, 57.578, 342.774**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 59.495, 146.352**, and **36, 53.843, 140.457** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.801, 144.486**, and if you desaturate by 10%, it is **55, 53.552, 148.060**.

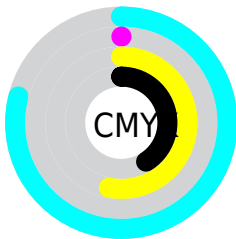
Distribution



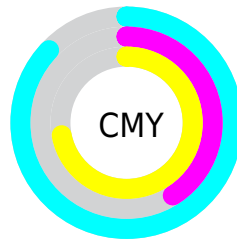
- Red (13%)
- Green (59%)
- Blue (28%)



- Red (13%)
- Yellow (48%)
- Blue (59%)



- Cyan (79%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)





- Cyan (87%)
- Magenta (41%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 59.577, 146.353 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 55, 59.577, 146.353 by changing the saturation by 10% instead.


 55, 59.577,
146.353


 55, 59.577,
146.353


 100, 59.577,
146.353


 45, 59.577,
146.353


 75, 59.577,
146.353

 35, 59.577,
146.353

 85, 59.577,
146.353

 25, 59.577,
146.353

 95, 59.577,
146.353

 15, 59.577,
146.353

 5, 59.577, 146.353

 0, 59.577, 146.353

■ 55, 59.577,
146.353

■ 55, 59.577,
146.353

■ 55, 64.801,
144.486

■ 55, 53.552,
148.060

■ 54, 69.259,
142.581

■ 56, 46.814,
149.586

■ 54, 69.798,
142.360

■ 57, 39.489,
150.931

■ 58, 31.722,
152.108

■ 59, 23.659,
153.136

■ 60, 15.435,
154.037

■ 61, 7.167, 154.843

■ 63, 1.053, 335.228

Harmonies

Complementary

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



55, 59.577, 146.353



36, 57.578, 342.774

Rectangle

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



55, 59.577, 146.353



55, 59.577, 196.353



55, 59.577, 326.353



55, 59.577, 16.353

Sweetspot

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



55, 59.577, 146.353



75, 24.499, 153.532



58, 61.697, 119.194



39, 16.953, 153.226



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



55, 59.577, 146.353



70, 82.566, 143.081



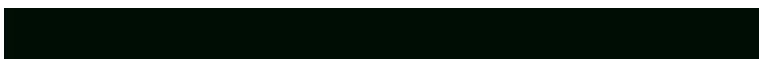
56, 36.959, 176.208



32, 4.694, 154.803



51, 65.884, 142.508



3, 5.083, 155.187

Inverse Universe

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



36, 57.578, 342.774



44, 74.189, 345.772



34, 52.466, 19.875



30, 4.721, 336.007



30, 58.426, 346.399



1, 5.022, 335.887

Previews

White Background



This preview shows how the CIELCh color 55, 59.577, 146.353 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 CIE LCh color 55, 59.577, 146.353 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 55, 59.577, 146.353

Background



This preview shows how black text looks on a background with the CIELCh color 55, 59.577, 146.353.



This preview shows how white text looks on a background with the CIELCh color 55, 59.577, 146.353.

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
55, 59.577, 146.353

Protanopia
55, 37.849, 95.679

Deuteranopia
55, 31.327, 76.898



Tritanopia
55, 24.175, 214.101

Trichromacy



Original Color
55, 59.577, 146.353



Protanomaly
54, 41.963, 126.009



Deuteranomaly
53, 34.333, 121.632

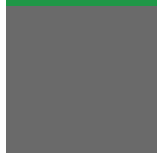


Tritanomaly
55, 32.511, 174.427

Monochromacy



Original Color
55, 59.577, 146.353



Achromatopsia
45, 0.006, 296.813



Achromatomaly
47, 24.340, 152.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 59.577, 146.353 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(32, 151, 71)` looks like.

```
.text, #text, p{  
    color:rgb(32, 151, 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(32, 151, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 151, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 59.577, 146.353 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(32, 151, 71) }
```

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

```
.border{ border-color:rgb(32, 151, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 151, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 151, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 151, 71);  
box-shadow:4px 4px 4px 4px rgb(32, 151,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 59.577, 146.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 151, 71) }
```

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

```
.background{ background-color: rgb(32, 151,  
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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