

Converting Colors

CIELCh(55, 58.638, 141.223)

Have a look what the booklet for
CIELCh(55, 58.638, 141.223)
contains.

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Color

CIELCh(55, 58.777, 141.213)

Conversions

Conversions Part 1

Format	Color
Hex	389640
RGB	56, 150, 64
RGB Percent	22%, 59%, 25%
CMY	0.7815, 0.4128, 0.7499
CMYK	0.63, 0.00, 0.57, 0.41
HSL	125°, 46%, 40%
HSV	125°, 63%, 59%
XYZ	13.3982, 22.9298, 8.5350
YIQ	112.0900, -28.4180, -46.6740

Conversions

Conversions Part 2

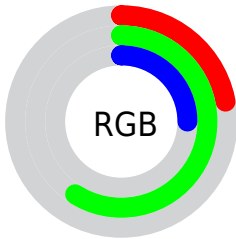
Format	Color
RYB	56, 143, 150
Decimal	3708480
CIELab	55.00, -45.82, 36.82
CIElCh	55, 58.777, 141.213
Yxy	22.9298, 0.2986, 0.5111
Android (android.graphics.Color)	4281898560 (0xFF389640)
YUV	112.0900, -23.7084, -49.1909
Hunter-Lab	47.8851, -33.8550, 22.9518

Details

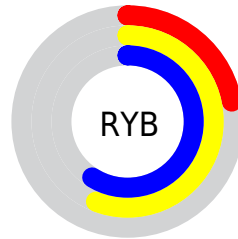
The CIELCh color **55, 58.777, 141.213** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **40, 57.839, 330.282**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 58.869, 141.190**, and **36, 56.081, 138.423** is the 20% darker color. If you saturate the color by 10%, you get **54, 66.074, 139.925**, and if you desaturate by 10%, it is **56, 50.488, 142.431**.

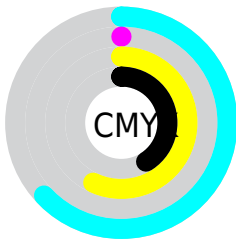
Distribution



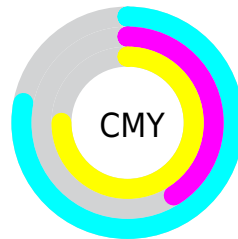
- Red (22%)
- Green (59%)
- Blue (25%)



- Red (22%)
- Yellow (56%)
- Blue (59%)



- Cyan (63%)
- Magenta (0%)
- Yellow (57%)
- Black (41%)





- Cyan (78%)
- Magenta (41%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 58.777, 141.213 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, 58.777, 141.213 by changing the saturation by 10% instead.


 55, 58.777,
141.213


 55, 58.777,
141.213


 100, 58.777,
141.213


 45, 58.777,
141.213


 75, 58.777,
141.213

 35, 58.777,
141.213

 85, 58.777,
141.213

 25, 58.777,
141.213

 95, 58.777,
141.213

 15, 58.777,
141.213

 5, 58.777, 141.213

 0, 58.777, 141.213

■ 55, 58.777,
141.213

■ 55, 58.777,
141.213

■ 54, 66.074,
139.925

■ 56, 50.488,
142.431

■ 54, 72.084,
138.647

■ 57, 41.484,
143.534

■ 54, 76.536,
137.495

■ 58, 32.011,
144.507

■ 54, 78.785,
136.916

■ 59, 22.282,
145.352

■ 60, 12.469,
146.084

■ 62, 2.704, 146.770

■ 63, 6.913, 327.185

■ 65, 16.316,
327.659

■ 67, 25.460,
328.055

Harmonies

Complementary

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



55, 58.777, 141.213



40, 57.839, 330.282

Rectangle

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



55, 58.777, 141.213



55, 58.777, 191.213



55, 58.777, 321.213



55, 58.777, 11.213

Sweetspot

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



55, 58.777, 141.213



75, 22.899, 145.615



60, 49.774, 108.611



39, 15.723, 145.417



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 58.777, 141.213



69, 82.830, 139.447



56, 39.374, 161.273



31, 5.435, 146.326



50, 73.967, 136.998



2, 4.735, 146.846

Inverse Universe

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



40, 57.839, 330.282



48, 79.953, 330.923



38, 43.374, 356.642



29, 5.446, 327.330



32, 68.443, 331.871



1, 4.736, 326.841

Previews

White Background



This preview shows how the CIELCh color 55, 58.777, 141.213 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 55, 58.777, 141.213 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, 58.777, 141.213

Background



This preview shows how black text looks on a background with the CIELCh color 55, 58.777, 141.213.



This preview shows how white text looks on a background with the CIELCh color 55, 58.777, 141.213.

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, 58.777, 141.213

Protanopia
55, 40.818, 95.961

Deuteranopia
55, 35.020, 78.648



Tritanopia
55, 20.787, 215.505

Trichromacy



Original Color
55, 58.777, 141.213



Protanomaly
54, 44.024, 119.651



Deuteranomaly
54, 37.031, 114.004



Tritanomaly
55, 29.468, 168.646

Monochromacy



Original Color
55, 58.777, 141.213



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 23.330, 144.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 58.777, 141.213 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(56, 150, 64)` looks like.

```
.text, #text, p{  
    color:rgb(56, 150, 64)  
}
```

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(56, 150, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 150, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 58.777, 141.213 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(56, 150, 64) }
```

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

```
.border{ border-color:rgb(56, 150, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 150, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 150, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 150, 64);  
box-shadow:4px 4px 4px 4px rgb(56, 150,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 58.777, 141.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 150, 64) }
```

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

```
.background{ background-color: rgb(56, 150,  
64) }
```

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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