

Converting Colors

CIELCh(55, 30.296, 153.999)

Have a look what the booklet for
CIELCh(55, 30.296, 153.999)
contains.

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Color

CIELCh(55, 30.410, 154.105)

Conversions

Conversions Part 1

Format	Color
Hex	56906C
RGB	86, 144, 108
RGB Percent	34%, 56%, 42%
CMY	0.6635, 0.4361, 0.5772
CMYK	0.40, 0.00, 0.25, 0.44
HSL	143°, 25%, 45%
HSV	143°, 40%, 56%
XYZ	16.4564, 22.9298, 17.6904
YIQ	122.5540, -23.0120, -23.4920

Conversions

Conversions Part 2

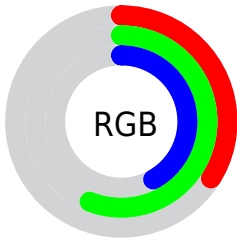
Format	Color
R_{YB}	86, 128, 144
Decimal	5673068
CIE _{Lab}	55.00, -27.36, 13.28
CIE _{LCh}	55, 30.410, 154.105
Yxy	22.9298, 0.2883, 0.4017
Android (android.graphics.Color)	4283863148 (0xFF56906C)
YUV	122.5540, -7.1751, -32.0579
Hunter-Lab	47.8851, -22.4548, 11.6158

Details

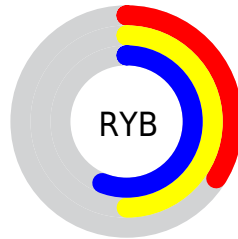
The CIELCh color **55, 30.410, 154.105** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44, 31.080, 340.969**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 30.157, 154.551**, and **35, 30.579, 153.886** is the 20% darker color. If you saturate the color by 10%, you get **54, 37.488, 152.885**, and if you desaturate by 10%, it is **56, 23.033, 155.175**.

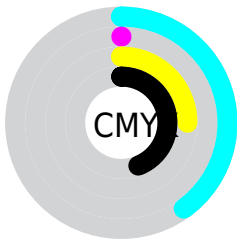
Distribution



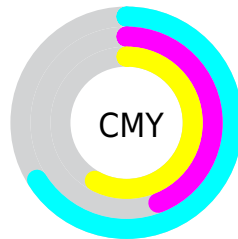
- Red (34%)
- Green (56%)
- Blue (42%)



- Red (34%)
- Yellow (50%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)





- Cyan (66%)
- Magenta (44%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 30.410, 154.105 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, 30.410, 154.105 by changing the saturation by 10% instead.


 55, 30.410,
154.105


 55, 30.410,
154.105


 100, 30.410,
154.105


 45, 30.410,
154.105


 75, 30.410,
154.105

 35, 30.410,
154.105

 85, 30.410,
154.105

 25, 30.410,
154.105

 95, 30.410,
154.105

 15, 30.410,
154.105

 5, 30.410, 154.105

 0, 30.410, 154.105

■ 55, 30.410,
154.105

■ 55, 30.410,
154.105

■ 54, 37.488,
152.885

■ 56, 23.033,
155.175

■ 53, 44.134,
151.495

■ 57, 15.477,
156.118

■ 53, 50.228,
149.920

■ 58, 7.852, 156.964

■ 53, 55.669,
148.154

■ 60, 0.246, 158.821

■ 61, 7.269, 338.281

■ 52, 60.398,
146.213

■ 63, 14.644,
338.894

■ 52, 64.413,
144.326

■ 64, 21.842,
339.438

■ 66, 28.842,
339.933

■ 68, 35.630,
340.387

Harmonies

Complementary

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



55, 30.410, 154.105



44, 31.080, 340.969

Rectangle

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



55, 30.410, 154.105



55, 30.410, 204.105



55, 30.410, 334.105



55, 30.410, 24.105

Sweetspot

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



55, 30.411, 154.105



74, 11.264, 156.807



57, 33.503, 122.221



39, 7.532, 156.714



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 30.411, 154.105



69, 44.219, 153.058



56, 20.970, 185.118



30, 4.264, 157.058



49, 61.393, 144.461



2, 2.876, 157.691

Inverse Universe

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



44, 31.080, 340.969



53, 45.199, 341.859



43, 25.706, 13.128



28, 4.295, 338.304



29, 55.315, 350.352



1, 2.876, 337.683

Previews

White Background



This preview shows how the CIELCh color 55, 30.410, 154.105 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, 30.410, 154.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

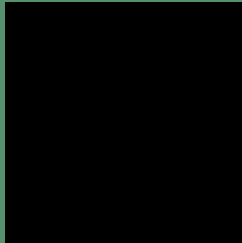
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 30.410, 154.105

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.410, 154.105.



This preview shows how white text looks on a background with the CIELCh color 55, 30.410, 154.105.

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, 30.410, 154.105

Protanopia
55, 16.999, 94.942

Deuteranopia
55, 13.412, 56.684



Tritanopia
55, 15.861, 221.801

Trichromacy



Original Color
55, 30.410, 154.105

Protanomaly
55, 19.416, 128.028

Deuteranomaly
54, 12.759, 118.000

Tritanomaly
55, 17.719, 186.382

Monochromacy



Original Color
55, 30.410, 154.105

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 11.306, 156.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.410, 154.105 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(86, 144, 108)` looks like.

```
.text, #text, p{  
    color:rgb(86, 144, 108)  
}
```

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(86, 144, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 144, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.410, 154.105 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(86, 144, 108) }
```

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

```
.border{ border-color:rgb(86, 144, 108) }
```

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

Here you see how a box with a 4 pixel rgb(86, 144, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 144, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 144, 108);  
box-shadow:4px 4px 4px 4px rgb(86, 144,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.410, 154.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 144, 108) }
```

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

```
.background{ background-color: rgb(86, 144,  
108) }
```

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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