

Converting Colors

CIELCh(55, 30.065, 149.487)

Have a look what the booklet for
CIELCh(55, 30.065, 149.487)
contains.

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Color

CIELCh(55, 30.279, 149.453)

Conversions

Conversions Part 1

Format	Color
Hex	5B8F68
RGB	91, 143, 104
RGB Percent	36%, 56%, 41%
CMY	0.6425, 0.4386, 0.5915
CMYK	0.36, 0.00, 0.27, 0.44
HSL	135°, 22%, 46%
HSV	135°, 36%, 56%
XYZ	16.6842, 22.9298, 16.6848
YIQ	123.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

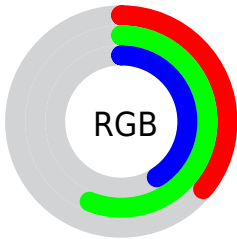
Format	Color
R_{YB}	91, 133, 143
Decimal	6000488
CIE _{Lab}	55.00, -26.08, 15.39
CIE _{LCh}	55, 30.279, 149.453
Yxy	22.9298, 0.2964, 0.4073
Android (android.graphics.Color)	4284190568 (0xFF5B8F68)
YUV	123.0060, -9.3700, -28.0693
Hunter-Lab	47.8851, -21.6056, 12.8609

Details

The CIELCh color $55, 30.279, 149.453$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 30.493, 334.770$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 30.355, 149.263$, and $35, 30.048, 149.906$ is the 20% darker color. If you saturate the color by 10%, you get $54, 38.287, 148.361$, and if you desaturate by 10%, it is $56, 22.019, 150.404$.

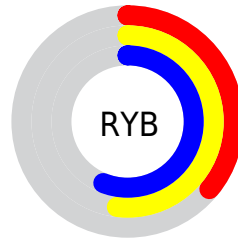
Distribution



Red (36%)

Green (56%)

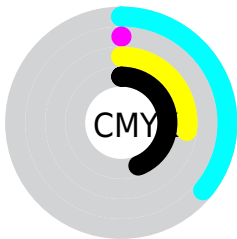
Blue (41%)



Red (36%)

Yellow (52%)

Blue (56%)

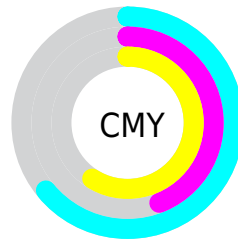


Cyan (36%)

Magenta (0%)

Yellow (27%)

Black (44%)



Cyan (64%)


Magenta (44%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 30.279, 149.453 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, 30.279, 149.453 by changing the saturation by 10% instead.


 55, 30.279,
149.453


 55, 30.279,
149.453


 100, 30.279,
149.453

 45, 30.279,
149.453


 75, 30.279,
149.453

 35, 30.279,
149.453

 85, 30.279,
149.453

 25, 30.279,
149.453

 95, 30.279,
149.453

 15, 30.279,
149.453

 5, 30.279, 149.453

 0, 30.279, 149.453

■ 55, 30.279,
149.453

■ 55, 30.279,
149.453

■ 54, 38.287,
148.361

■ 56, 22.019,
150.404

■ 53, 45.885,
147.111

■ 57, 13.641,
151.233

■ 53, 52.912,
145.695

■ 59, 5.258, 151.978

■ 52, 59.211,
144.122

■ 60, 3.040, 332.472

■ 52, 64.647,
142.423

■ 62, 11.189,
333.082

■ 52, 69.149,
140.690

■ 63, 19.144,
333.576

■ 52, 70.630,
140.135

■ 65, 26.875,
334.012

■ 67, 34.367,
334.400

■ 69, 41.614,
334.749

Harmonies

Complementary

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



55, 30.279, 149.453



46, 30.493, 334.770

Rectangle

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



55, 30.279, 149.453



55, 30.279, 199.453



55, 30.279, 329.453



55, 30.279, 19.453

Sweetspot

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



55, 30.280, 149.453



74, 11.362, 151.618



57, 29.451, 116.996



39, 7.699, 151.530



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, 30.280, 149.453



69, 45.119, 148.523



56, 20.745, 174.793



30, 4.692, 151.769



49, 67.566, 140.241



2, 3.160, 152.339

Inverse Universe

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



46, 30.493, 334.770



55, 45.354, 335.418



45, 23.368, 2.455



28, 4.711, 332.881



30, 59.823, 340.930



1, 3.160, 332.332

Previews

White Background



This preview shows how the CIELCh color 55, 30.279, 149.453 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, 30.279, 149.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

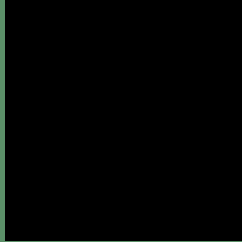
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 30.279, 149.453

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.279, 149.453.



This preview shows how white text looks on a background with the CIELCh color 55, 30.279, 149.453.

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, 30.279, 149.453

Protanopia
55, 18.659, 95.840

Deuteranopia
55, 15.333, 62.058



Tritanopia
55, 14.199, 224.934

Trichromacy



Original Color
55, 30.279, 149.453

Protanomaly
54, 20.107, 123.606

Deuteranomaly
54, 14.299, 111.786

Tritanomaly
55, 16.050, 183.232

Monochromacy



Original Color
55, 30.279, 149.453

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 11.167, 151.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.279, 149.453 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(91, 143, 104)` looks like.

```
.text, #text, p{  
    color:rgb(91, 143, 104)  
}
```

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(91, 143, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 143, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.279, 149.453 is called "border". The border property can be set on classes, ids or directly on the HTML element.

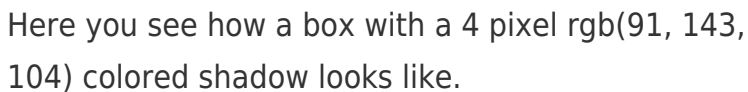
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 143, 104) }
```

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

```
.border{ border-color:rgb(91, 143, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 143, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 143, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 143, 104);  
box-shadow:4px 4px 4px 4px rgb(91, 143,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.279, 149.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 143, 104) }
```

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

```
.background{ background-color: rgb(91, 143,  
104) }
```

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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