

Converting Colors

CIELCh(55, 19.279, 133.701)

Have a look what the booklet for
CIELCh(55, 19.279, 133.701)
contains.

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Color

CIELCh(55, 19.683, 134.034)

Conversions

Conversions Part 1

Format	Color
Hex	758A6B
RGB	117, 138, 107
RGB Percent	46%, 54%, 42%
CMY	0.5421, 0.4598, 0.5813
CMYK	0.15, 0.00, 0.22, 0.46
HSL	101°, 13%, 48%
HSV	101°, 22%, 54%
XYZ	18.9999, 22.9298, 17.2708
YIQ	128.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

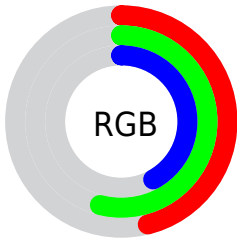
Format	Color
R_{YB}	107, 138, 128
Decimal	7703147
CIE _{Lab}	55.00, -13.68, 14.15
CIE _{LCh}	55, 19.683, 134.034
Yxy	22.9298, 0.3209, 0.3873
Android (android.graphics.Color)	4285893227 (0xFF758A6B)
YUV	128.1870, -10.4452, -9.8110
Hunter-Lab	47.8851, -12.9735, 12.1354

Details

The CIELCh color $55, 19.683, 134.034$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 20.038, 315.938$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 19.664, 133.919$, and $35, 20.000, 133.967$ is the 20% darker color. If you saturate the color by 10%, you get $54, 28.404, 133.530$, and if you desaturate by 10%, it is $56, 10.911, 134.508$.

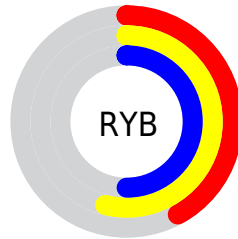
Distribution



Red (46%)

Green (54%)

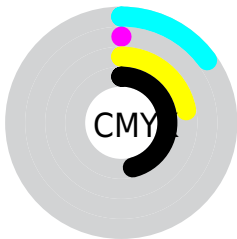
Blue (42%)



Red (42%)

Yellow (54%)

Blue (50%)

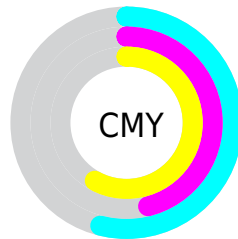


Cyan (15%)

Magenta (0%)

Yellow (22%)

Black (46%)



Cyan (54%)


Magenta (46%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 19.683, 134.034 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, 19.683, 134.034 by changing the saturation by 10% instead.


 55, 19.683,
134.034


 55, 19.683,
134.034


 100, 19.683,
134.034


 45, 19.683,
134.034


 75, 19.683,
134.034

 35, 19.683,
134.034

 85, 19.683,
134.034

 25, 19.683,
134.034

 95, 19.683,
134.034

 15, 19.683,
134.034

 5, 19.683, 134.034

 0, 19.683, 134.034

■ 55, 19.683,
134.034

■ 55, 19.683,
134.034

■ 54, 28.404,
133.530

■ 56, 10.911,
134.508

■ 53, 36.959,
133.006

■ 57, 2.165, 134.980

■ 53, 45.197,
132.495

■ 58, 6.497, 315.277

■ 52, 52.906,
132.052

■ 60, 15.035,
315.622

■ 51, 59.803,
131.760

■ 61, 23.421,
315.918

■ 51, 65.543,
131.731

■ 62, 31.636,
316.174


■ 51, 69.793,
132.077

■ 64, 39.669,
316.395

■ 50, 72.333,

■ 65, 47.515,
316.586

132.396

 67, 55.174,
316.751

Harmonies

Complementary

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



55, 19.683, 134.034



48, 20.038, 315.938

Rectangle

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



55, 19.683, 134.034



55, 19.683, 184.034



55, 19.683, 314.034



55, 19.683, 4.034

Sweetspot

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



55, 19.684, 134.035



72, 7.534, 134.749



54, 12.660, 88.354



37, 4.877, 134.728



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 19.684, 134.035



69, 29.187, 133.782



54, 19.383, 147.878



29, 4.919, 134.659



48, 70.317, 132.346



1, 2.280, 135.019

Inverse Universe

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



48, 20.038, 315.938



59, 29.830, 316.157



49, 19.443, 330.719



27, 4.960, 315.369



23, 73.879, 316.933



0, 2.281, 315.015

Previews

White Background



This preview shows how the CIELCh color 55, 19.683, 134.034 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, 19.683, 134.034 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, 19.683, 134.034

Background



This preview shows how black text looks on a background with the CIELCh color 55, 19.683, 134.034.



This preview shows how white text looks on a background with the CIELCh color 55, 19.683, 134.034.

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](#).

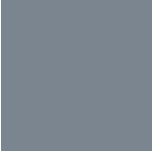
Dichromacy



Original Color
55, 19.683, 134.034

Protanopia
55, 15.893, 94.214

Deuteranopia
55, 14.924, 60.584



Tritanopia
55, 6.784, 257.290

Trichromacy



Original Color
55, 19.683, 134.034

Protanomaly
55, 15.952, 109.736

Deuteranomaly
55, 13.157, 91.731

Tritanomaly
55, 6.204, 171.265

Monochromacy



Original Color
55, 19.683, 134.034

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.631, 134.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 19.683, 134.034 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(117, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(117, 138, 107)  
}
```

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(117, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 138, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 19.683, 134.034 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(117, 138, 107) }
```

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

```
.border{ border-color:rgb(117, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(117, 138,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 19.683, 134.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 138, 107) }
```

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

```
.background{ background-color: rgb(117,  
138, 107) }
```

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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