

Converting Colors

CIELCh(55, 19.597, 161.705)

Have a look what the booklet for
CIELCh(55, 19.597, 161.705)
contains.

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Color

CIELCh(55, 19.620, 161.685)

Conversions

Conversions Part 1

Format	Color
Hex	638C78
RGB	99, 140, 120
RGB Percent	39%, 55%, 47%
CMY	0.6101, 0.4492, 0.5277
CMYK	0.29, 0.00, 0.14, 0.45
HSL	151°, 17%, 47%
HSV	151°, 29%, 55%
XYZ	18.0521, 22.9298, 21.3811
YIQ	125.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

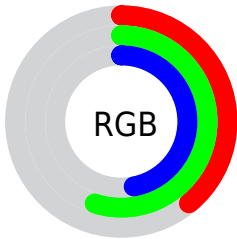
Format	Color
R _Y B	99, 126, 140
Decimal	6524024
CIE Lab	55.00, -18.63, 6.17
CIE LCh	55, 19.620, 161.685
Yxy	22.9298, 0.2895, 0.3677
Android (android.graphics.Color)	4284714104 (0xFF638C78)
YUV	125.4610, -2.6923, -23.2063
Hunter-Lab	47.8851, -16.5068, 7.0461

Details

The CIELCh color **55, 19.620, 161.685** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 20.364, 346.945**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 19.810, 161.099**, and **35, 19.786, 162.262** is the 20% darker color. If you saturate the color by 10%, you get **54, 26.077, 160.571**, and if you desaturate by 10%, it is **56, 12.972, 162.684**.

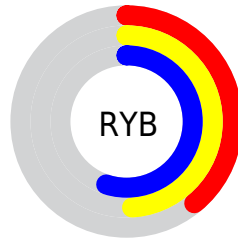
Distribution



Red (39%)

Green (55%)

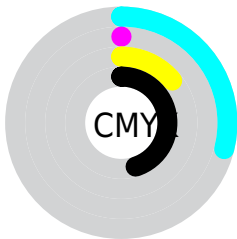
Blue (47%)



Red (39%)

Yellow (49%)

Blue (55%)

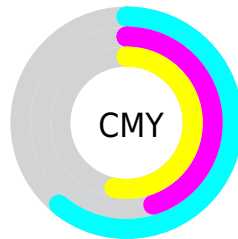


Cyan (29%)

Magenta (0%)

Yellow (14%)

Black (45%)



Cyan (61%)


Magenta (45%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 19.620, 161.685 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, 19.620, 161.685 by changing the saturation by 10% instead.


 55, 19.620,
161.685


 55, 19.620,
161.685


 100, 19.620,
161.685


 45, 19.620,
161.685


 75, 19.620,
161.685

 35, 19.620,
161.685

 85, 19.620,
161.685

 25, 19.620,
161.685

 95, 19.620,
161.685

 15, 19.620,
161.685

 5, 19.620, 161.685

 0, 19.620, 161.685

■ 55, 19.620,
161.685

■ 55, 19.620,
161.685

■ 54, 26.077,
160.571

■ 56, 12.972,
162.684

■ 53, 32.233,
159.321

■ 57, 6.224, 163.604

■ 53, 37.981,
157.911

■ 59, 0.541, 343.780

■ 60, 7.260, 345.062

■ 52, 43.224,
156.320

■ 61, 13.883,
345.767

■ 52, 47.888,
154.532

■ 63, 20.375,
346.409

■ 51, 51.941,
152.543

■ 65, 26.711,
347.004

■ 51, 55.512,
150.466

■ 66, 32.878,
347.562

■ 51, 55.791,

150.312

 68, 38.869,
348.086

Harmonies

Complementary

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



55, 19.620, 161.685



47, 20.364, 346.945

Rectangle

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



55, 19.620, 161.685



55, 19.620, 211.685



55, 19.620, 341.685



55, 19.620, 31.685

Sweetspot

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



55, 19.621, 161.684



73, 7.572, 163.604



56, 24.712, 127.756



38, 5.244, 163.487



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 19.621, 161.684



70, 29.085, 160.968



56, 14.738, 198.001



30, 3.869, 163.605



49, 54.157, 150.401



2, 2.617, 164.310

Inverse Universe

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



47, 20.364, 346.945



58, 30.418, 347.680



46, 17.862, 21.707



28, 3.919, 345.005



28, 52.883, 1.915



1, 2.618, 344.300

Previews

White Background



This preview shows how the CIELCh color 55, 19.620, 161.685 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, 19.620, 161.685 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, 19.620, 161.685

Background



This preview shows how black text looks on a background with the CIELCh color 55, 19.620, 161.685.



This preview shows how white text looks on a background with the CIELCh color 55, 19.620, 161.685.

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, 19.620, 161.685

Protanopia
55, 9.480, 93.780

Deuteranopia
55, 8.560, 35.638



Tritanopia
55, 12.792, 228.243

Trichromacy



Original Color
55, 19.620, 161.685

Protanomaly
55, 10.738, 133.521

Deuteranomaly
55, 5.787, 117.504

Tritanomaly
55, 12.791, 198.175

Monochromacy



Original Color
55, 19.620, 161.685

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 7.202, 164.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 19.620, 161.685 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(99, 140, 120)` looks like.

```
.text, #text, p{  
    color:rgb(99, 140, 120)  
}
```

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(99, 140, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 140, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 19.620, 161.685 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(99, 140, 120) }
```

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

```
.border{ border-color:rgb(99, 140, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 140, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 140, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 140, 120);  
box-shadow:4px 4px 4px 4px rgb(99, 140,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 19.620, 161.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 140, 120) }
```

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

```
.background{ background-color: rgb(99, 140,  
120) }
```

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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