

Converting Colors

CIELCh(55, 6.069, 14.616)

Have a look what the booklet for
CIELCh(55, 6.069, 14.616) contains.

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Color

CIELCh(55, 6.080, 14.609)

Conversions

Conversions Part 1

Format	Color
Hex	8F8081
RGB	143, 128, 129
RGB Percent	56%, 50%, 51%
CMY	0.4385, 0.4973, 0.4934
CMYK	0.00, 0.10, 0.10, 0.44
HSL	356°, 6%, 53%
HSV	356°, 10%, 56%
XYZ	23.0754, 22.9298, 24.0401
YIQ	132.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

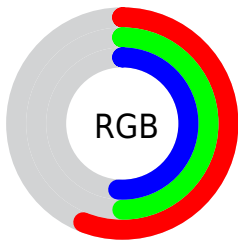
Format	Color
R_{YB}	143, 128, 129
Decimal	9404545
CIE Lab	55.00, 5.88, 1.53
CIE LCh	55, 6.080, 14.609
Yxy	22.9298, 0.3294, 0.3274
Android (android.graphics.Color)	4287594625 (0xFF8F8081)
YUV	132.5990, -1.7743, 9.1217
Hunter-Lab	47.8851, 2.2186, 3.7538

Details

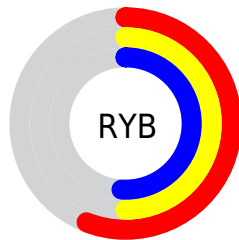
The CIELCh color $55, 6.080, 14.609$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 5.746, 193.246$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.065, 14.749$, and $35, 6.210, 14.588$ is the 20% darker color. If you saturate the color by 10%, you get $51, 12.288, 15.592$, and if you desaturate by 10%, it is $59, 0.269, 12.354$.

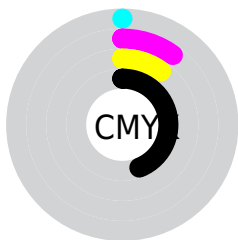
Distribution



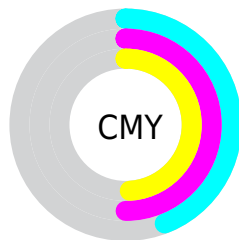
- Red (56%)
- Green (50%)
- Blue (51%)



- Red (56%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.080, 14.609 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, 6.080, 14.609 by changing the saturation by 10% instead.

 55, 6.080, 14.609  55, 6.080, 14.609

 100, 6.080, 14.609  45, 6.080, 14.609

 75, 6.080, 14.609  35, 6.080, 14.609


 85, 6.080, 14.609  25, 6.080, 14.609

 95, 6.080, 14.609  15, 6.080, 14.609

 5, 6.080, 14.609

 0, 6.080, 14.609

 55, 6.080, 14.609  55, 6.080, 14.609

 51, 12.288, 15.592  59, 0.269, 12.354

 47, 18.888, 16.765  64, 5.154, 193.377

43, 25.827, 18.233

68, 10.218,
192.804

39, 33.003, 20.093

72, 14.956,
192.338

36, 40.249, 22.459

33, 47.348, 25.436

77, 19.402,
191.941

31, 54.060, 29.059

81, 23.589,
191.596

30, 60.111, 33.140

29, 65.000, 36.473

85, 27.548,
191.294

90, 31.305,
191.027

94, 34.122,
192.465

Harmonies

Complementary

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



55, 6.080, 14.609



58, 5.746, 193.246

Rectangle

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



55, 6.080, 14.609



55, 6.080, 64.609



55, 6.080, 194.609



55, 6.080, 244.609

Sweetspot

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



55, 6.079, 14.622



74, 2.103, 13.867



55, 10.226, 323.137



39, 1.611, 13.972



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, 6.079, 14.622



69, 9.432, 14.879



57, 5.039, 66.689



28, 3.254, 14.504



27, 62.052, 36.110



0, 2.134, 13.888

Inverse Universe

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



55, 6.079, 14.622



69, 9.432, 14.879



56, 4.865, 249.163



28, 3.254, 14.504



27, 62.052, 36.110



0, 2.134, 13.888

Previews

White Background



This preview shows how the CIELCh color 55, 6.080, 14.609 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, 6.080, 14.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

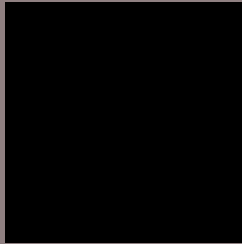
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 6.080, 14.609

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.080, 14.609.



This preview shows how white text looks on a background with the CIELCh color 55, 6.080, 14.609.

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, 6.080, 14.609

Protanopia

55, 1.190, 19.191

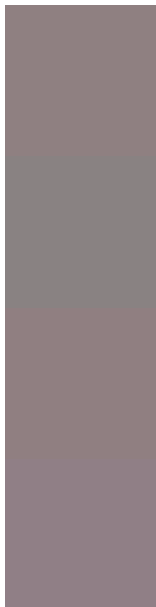
Deuteranopia

55, 7.367, 11.245



Tritanopia
55, 8.860, 340.037

Trichromacy



Original Color
55, 6.080, 14.609

Protanomaly
55, 2.796, 19.556

Deuteranomaly
55, 6.962, 10.667

Tritanomaly
55, 7.888, 349.698

Monochromacy



Original Color
55, 6.080, 14.609

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 2.458, 6.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 6.080, 14.609 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(143, 128, 129)` looks like.

```
.text, #text, p{  
    color:rgb(143, 128, 129)  
}
```

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(143, 128, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 128, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.080, 14.609 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(143, 128, 129) }
```

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

```
.border{ border-color:rgb(143, 128, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 128, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 128, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 128, 129);  
box-shadow:4px 4px 4px 4px rgb(143, 128,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.080, 14.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 128, 129) }
```

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

```
.background{ background-color: rgb(143,  
128, 129) }
```

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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