

Converting Colors

CIELCh(55, 2.860, 54.999)

Have a look what the booklet for
CIELCh(55, 2.860, 54.999) contains.

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Color

CIELCh(55, 2.627, 60.184)

Conversions

Conversions Part 1

Format	Color
Hex	888380
RGB	136, 131, 128
RGB Percent	53%, 51%, 50%
CMY	0.4677, 0.4873, 0.4990
CMYK	0.00, 0.04, 0.06, 0.47
HSL	23°, 3%, 52%
HSV	23°, 6%, 53%
XYZ	22.0744, 22.9298, 23.5979
YIQ	132.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

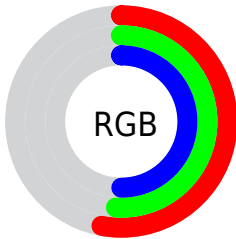
Format	Color
RYB	136, 133, 128
Decimal	8946560
CIELab	55.00, 1.31, 2.28
CIELCh	55, 2.627, 60.184
Yxy	22.9298, 0.3218, 0.3342
Android (android.graphics.Color)	4287136640 (0xFF888380)
YUV	132.1530, -2.0474, 3.3738
Hunter-Lab	47.8851, -1.5129, 4.3013

Details

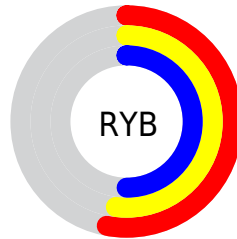
The CIELCh color $55, 2.627, 60.184$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 2.569, 241.589$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 2.460, 60.275$, and $35, 2.548, 66.410$ is the 20% darker color. If you saturate the color by 10%, you get $52, 7.320, 59.409$, and if you desaturate by 10%, it is $58, 1.785, 241.460$.

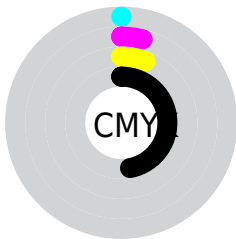
Distribution



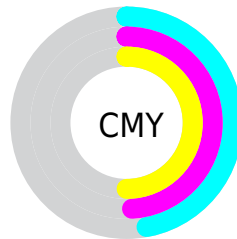
- Red (53%)
- Green (51%)
- Blue (50%)



- Red (53%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (47%)



- Cyan (47%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 2.627, 60.184 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, 2.627, 60.184 by changing the saturation by 10% instead.

 55, 2.627, 60.184  55, 2.627, 60.184

 100, 2.627, 60.184  45, 2.627, 60.184

 75, 2.627, 60.184  35, 2.627, 60.184

 85, 2.627, 60.184  25, 2.627, 60.184

 95, 2.627, 60.184  15, 2.627, 60.184

 5, 2.627, 60.184

 0, 2.627, 60.184

 55, 2.627, 60.184  55, 2.627, 60.184

 52, 7.320, 59.409  58, 1.785, 241.460

 50, 12.322, 58.558  60, 5.946, 242.240

47, 17.658, 57.738

63, 9.885, 243.127

45, 23.343, 56.966

66, 13.627,
244.013

42, 29.366, 56.249

69, 17.198,
244.885

40, 35.669, 55.571

38, 42.102, 54.870

72, 20.617,
245.735

36, 48.324, 53.990

74, 23.904,
246.559

34, 53.838, 52.743

77, 27.073,
247.355

80, 30.138,
248.123

Harmonies

Complementary

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



55, 2.627, 60.184



55, 2.569, 241.589

Rectangle

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



55, 2.627, 60.184



55, 2.627, 110.184



55, 2.627, 240.184



55, 2.627, 290.184

Sweetspot

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



55, 2.627, 60.222



71, 1.086, 60.318



54, 4.326, 337.461



38, 0.622, 60.303



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, 2.627, 60.222



69, 3.874, 60.131



56, 3.968, 103.503



28, 2.046, 60.118



32, 55.230, 52.562



1, 1.165, 60.882

Inverse Universe

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



55, 2.569, 241.589



70, 3.766, 241.696



54, 4.014, 284.781



28, 1.987, 241.712



34, 33.841, 267.250



1, 1.165, 240.899

Previews

White Background



This preview shows how the CIELCh color 55, 2.627, 60.184 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, 2.627, 60.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

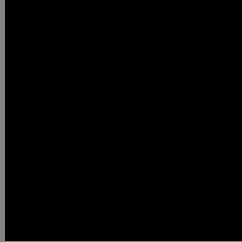
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

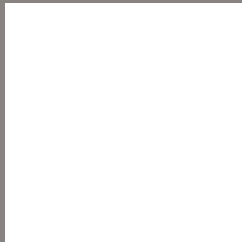
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 2.627, 60.184

Background



This preview shows how black text looks on a background with the CIELCh color 55, 2.627, 60.184.



This preview shows how white text looks on a background with the CIELCh color 55, 2.627, 60.184.

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, 2.627, 60.184

Protanopia

55, 2.335, 66.633

Deuteranopia

55, 7.319, 15.677



Tritanopia
55, 6.574, 319.093

Trichromacy



Original Color
55, 2.627, 60.184

Protanomaly
55, 2.335, 66.633

Deuteranomaly
55, 5.657, 19.940

Tritanomaly
55, 4.005, 333.981

Monochromacy



Original Color
55, 2.627, 60.184

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 1.202, 90.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 2.627, 60.184 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(136, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 128)  
}
```

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(136, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 2.627, 60.184 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(136, 131, 128) }
```

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

```
.border{ border-color:rgb(136, 131, 128) }
```

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

Here you see how a box with a 4 pixel rgb(136, 131, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 2.627, 60.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 128) }
```

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

```
.background{ background-color: rgb(136,  
131, 128) }
```

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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