

Converting Colors

CIELCh(55, 4.468, 27.126)

Have a look what the booklet for
CIELCh(55, 4.468, 27.126) contains.

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Color

CIELCh(55, 4.468, 27.126)

Conversions

Conversions Part 1

Format	Color
Hex	8C8180
RGB	140, 129, 128
RGB Percent	55%, 51%, 50%
CMY	0.4500, 0.4931, 0.4970
CMYK	0.00, 0.08, 0.09, 0.45
HSL	5°, 5%, 53%
HSV	5°, 9%, 55%
XYZ	22.6548, 22.9298, 23.7409
YIQ	132.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

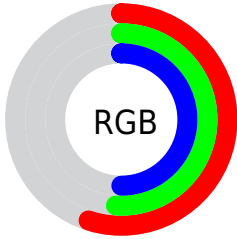
Format	Color
RYB	140, 129, 128
Decimal	9208192
CIELab	55.00, 3.98, 2.04
CIELCh	55, 4.468, 27.126
Yxy	22.9298, 0.3268, 0.3308
Android (android.graphics.Color)	4287398272 (0xFF8C8180)
YUV	132.1750, -2.0583, 6.8625
Hunter-Lab	47.8851, 0.6506, 4.1243

Details

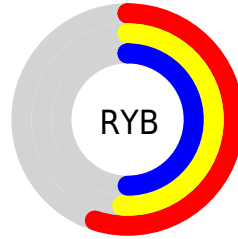
The CIELCh color $55, 4.468, 27.126$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $57, 4.235, 206.870$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 4.553, 26.437$, and $35, 4.455, 27.981$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.081, 27.635$, and if you desaturate by 10%, it is $59, 0.723, 207.532$.

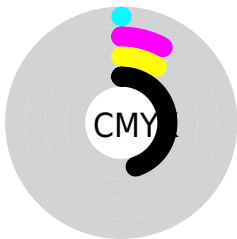
Distribution



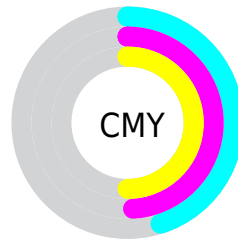
- Red (55%)
- Green (51%)
- Blue (50%)



- Red (55%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 4.468, 27.126 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, 4.468, 27.126 by changing the saturation by 10% instead.

 55, 4.468, 27.126  55, 4.468, 27.126

 100, 4.468, 27.126  45, 4.468, 27.126

 75, 4.468, 27.126  35, 4.468, 27.126

 85, 4.468, 27.126  25, 4.468, 27.126

 95, 4.468, 27.126  15, 4.468, 27.126

 5, 4.468, 27.126

 0, 4.468, 27.126

 55, 4.468, 27.126  55, 4.468, 27.126

 51, 10.081, 27.635  59, 0.723, 207.532

 47, 16.142, 28.260  63, 5.525, 206.816

44, 22.655, 29.105

67, 9.977, 206.657

40, 29.592, 30.237

71, 14.119,
206.576

37, 36.877, 31.722

75, 17.987,
206.545

34, 44.368, 33.607

32, 51.819, 35.858

79, 21.615,
206.549

30, 58.758, 38.230

83, 25.032,
206.579

29, 64.280, 40.177

87, 28.263,
206.627

91, 31.333,
206.689

Harmonies

Complementary

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



55, 4.468, 27.126



57, 4.235, 206.870

Rectangle

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



55, 4.468, 27.126



55, 4.468, 77.126



55, 4.468, 207.126



55, 4.468, 257.126

Sweetspot

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



55, 4.467, 27.146



73, 1.909, 26.788



55, 7.911, 327.219



38, 1.446, 26.865



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, 4.467, 27.146



70, 6.545, 27.224



57, 4.452, 82.774



28, 2.998, 27.176



28, 62.997, 40.319



1, 1.957, 26.969

Inverse Universe

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



57, 4.235, 206.870



73, 6.139, 206.820



55, 4.416, 265.023



30, 2.831, 206.850



47, 28.290, 210.531



2, 1.957, 206.988

Previews

White Background



This preview shows how the CIELCh color 55, 4.468, 27.126 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, 4.468, 27.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

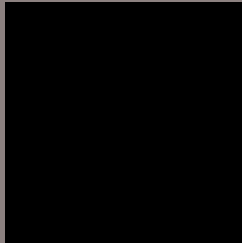
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 4.468, 27.126

Background



This preview shows how black text looks on a background with the CIELCh color 55, 4.468, 27.126.



This preview shows how white text looks on a background with the CIELCh color 55, 4.468, 27.126.

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, 4.468, 27.126

Protanopia

55, 1.954, 55.172

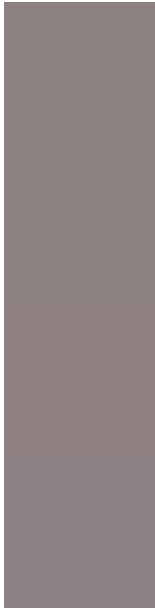
Deuteranopia

55, 7.367, 11.245



Tritanopia
55, 7.985, 334.327

Trichromacy



Original Color

55, 4.468, 27.126

Protanomaly

55, 2.856, 31.107

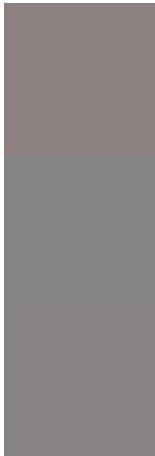
Deuteranomaly

55, 6.080, 14.609

Tritanomaly

55, 6.225, 346.496

Monochromacy



Original Color

55, 4.468, 27.126

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.589, 19.317

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 55, 4.468, 27.126 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(140, 129, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 129, 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(140, 129, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 129, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 4.468, 27.126 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(140, 129, 128) }
```

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

```
.border{ border-color:rgb(140, 129, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 129, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 129, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 129, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 129,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 4.468, 27.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 129, 128) }
```

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

```
.background{ background-color: rgb(140,  
129, 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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