

Converting Colors

CIELCh(55, 6.923, 59.374)

Have a look what the booklet for
CIELCh(55, 6.923, 59.374) contains.

CIELCh(55, 6.678, 56.557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 6.678, 56.557)

Conversions

Conversions Part 1

Format	Color
Hex	8E817A
RGB	142, 129, 122
RGB Percent	56%, 51%, 48%
CMY	0.4424, 0.4933, 0.5208
CMYK	0.00, 0.09, 0.14, 0.44
HSL	21°, 8%, 52%
HSV	21°, 14%, 56%
XYZ	22.5899, 22.9298, 21.7100
YIQ	132.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

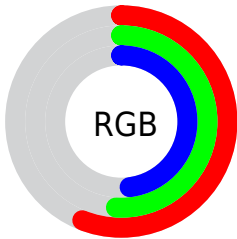
Format	Color
R_{YB}	142, 133, 122
Decimal	9339258
CIE Lab	55.00, 3.68, 5.57
CIE LCh	55, 6.678, 56.557
Yxy	22.9298, 0.3360, 0.3411
Android (android.graphics.Color)	4287529338 (0xFF8E817A)
YUV	132.0890, -4.9739, 8.6919
Hunter-Lab	47.8851, 0.4088, 6.6388

Details

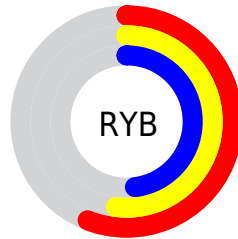
The CIELCh color $55, 6.678, 56.557$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 6.247, 239.200$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.869, 58.383$, and $35, 6.991, 58.275$ is the 20% darker color. If you saturate the color by 10%, you get $52, 11.824, 55.818$, and if you desaturate by 10%, it is $58, 1.866, 57.246$.

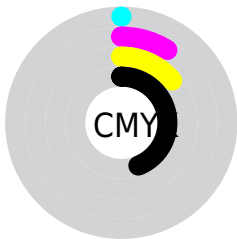
Distribution



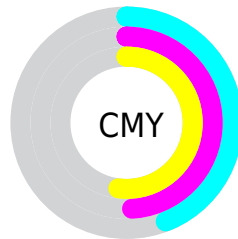
- Red (56%)
- Green (51%)
- Blue (48%)



- Red (56%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (44%)




- Cyan (44%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.678, 56.557 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, 6.678, 56.557 by changing the saturation by 10% instead.

 55, 6.678, 56.557  55, 6.678, 56.557

 100, 6.678, 56.557  45, 6.678, 56.557

 75, 6.678, 56.557  35, 6.678, 56.557

 85, 6.678, 56.557  25, 6.678, 56.557

 95, 6.678, 56.557  15, 6.678, 56.557

 5, 6.678, 56.557

 0, 6.678, 56.557

 55, 6.678, 56.557  55, 6.678, 56.557

 52, 11.824, 55.818  58, 1.866, 57.246

 49, 17.333, 55.101  61, 2.645, 238.423

47, 23.224, 54.446

64, 6.887, 239.184

44, 29.494, 53.863

67, 10.891,
240.010

42, 36.096, 53.345

70, 14.686,
240.839

39, 42.897, 52.843

37, 49.581, 52.217

73, 18.297,
241.657

35, 55.527, 51.169

76, 21.748,
242.458

34, 59.097, 50.834

79, 25.057,
243.236

82, 28.241,
243.990

Harmonies

Complementary

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



55, 6.678, 56.557



56, 6.247, 239.200

Rectangle

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



55, 6.678, 56.557



55, 6.678, 106.557



55, 6.678, 236.557



55, 6.678, 286.557

Sweetspot

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



55, 6.678, 56.573



73, 2.260, 57.245



53, 10.932, 337.349



38, 1.604, 57.218



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, 6.678, 56.573



69, 10.052, 56.324



58, 9.697, 101.749



29, 2.645, 56.937



32, 56.778, 50.944



1, 1.740, 57.775

Inverse Universe

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



56, 6.247, 239.200



69, 9.242, 239.568



53, 9.894, 284.882



29, 2.537, 238.712



35, 32.798, 263.412



1, 1.740, 237.793

Previews

White Background



This preview shows how the CIELCh color 55, 6.678, 56.557 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, 6.678, 56.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

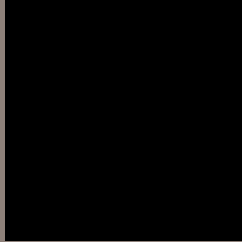
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

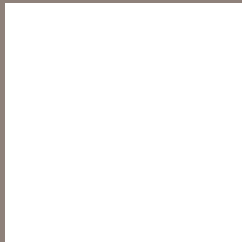
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 6.678, 56.557

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.678, 56.557.



This preview shows how white text looks on a background with the CIELCh color 55, 6.678, 56.557.

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, 6.678, 56.557

Protanopia

55, 4.998, 85.598

Deuteranopia

55, 8.968, 34.958



Tritanopia
55, 8.860, 340.037

Trichromacy



Original Color

55, 6.678, 56.557

Protanomaly

55, 5.158, 70.437

Deuteranomaly

55, 7.949, 41.084

Tritanomaly

55, 6.434, 359.230

Monochromacy



Original Color

55, 6.678, 56.557

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 2.627, 60.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 6.678, 56.557 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(142, 129, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 129, 122)  
}
```

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(142, 129, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 129, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.678, 56.557 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(142, 129, 122) }
```

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

```
.border{ border-color:rgb(142, 129, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 129, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 129, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 129, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 129,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.678, 56.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 129, 122) }
```

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

```
.background{ background-color: rgb(142,  
129, 122) }
```

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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