

Converting Colors

CIELCh(55, 2.682, 185.166)

Have a look what the booklet for
CIELCh(55, 2.682, 185.166) contains.

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Color

CIELCh(55, 2.800, 187.421)

Conversions

Conversions Part 1

Format	Color
Hex	7E8584
RGB	126, 133, 132
RGB Percent	49%, 52%, 52%
CMY	0.5053, 0.4779, 0.4818
CMYK	0.05, 0.00, 0.01, 0.48
HSL	171°, 3%, 51%
HSV	171°, 5%, 52%
XYZ	21.2063, 22.9298, 25.1886
YIQ	130.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

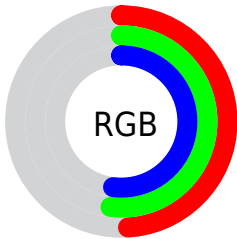
Format	Color
R_{YB}	126, 130, 133
Decimal	8291716
CIE _{Lab}	55.00, -2.78, -0.36
CIE _{LCh}	55, 2.800, 187.421
Yxy	22.9298, 0.3059, 0.3308
Android (android.graphics.Color)	4286481796 (0xFF7E8584)
YUV	130.7930, 0.5951, -4.2035
Hunter-Lab	47.8851, -4.7488, 2.3317

Details

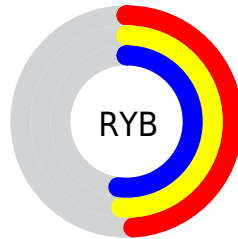
The CIELCh color $55, 2.800, 187.421$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 2.870, 7.983$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 2.637, 187.582$, and $35, 3.026, 187.163$ is the 20% darker color. If you saturate the color by 10%, you get $54, 7.999, 186.494$, and if you desaturate by 10%, it is $56, 2.560, 7.900$.

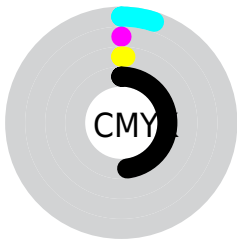
Distribution



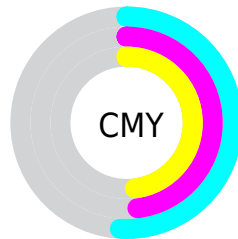
- Red (49%)
- Green (52%)
- Blue (52%)



- Red (49%)
- Yellow (51%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 2.800, 187.421 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, 2.800, 187.421 by changing the saturation by 10% instead.

■ 55, 2.800, 187.421

■ 55, 2.800, 187.421

■ 100, 2.800,
187.421

■ 45, 2.800, 187.421

■ 75, 2.800, 187.421

■ 35, 2.800, 187.421

■ 85, 2.800, 187.421

■ 25, 2.800, 187.421

■ 95, 2.800, 187.421

■ 15, 2.800, 187.421

■ 5, 2.800, 187.421

■ 0, 2.800, 187.421

■ 55, 2.800, 187.421

■ 55, 2.800, 187.421

■ 54, 7.999, 186.494

■ 56, 2.560, 7.900

■ 53, 12.962,

■ 57, 8.020, 8.777

185.634

59, 13.528, 9.552

52, 17.610,
184.752

60, 19.043, 10.298

51, 21.857,
183.831

62, 24.533, 11.023

51, 25.624,
182.857

63, 29.974, 11.729

50, 28.843,
181.814

65, 35.350, 12.416

50, 31.467,
180.683

67, 40.649, 13.084

50, 33.483,
179.445

50, 34.942,
178.093

Harmonies

Complementary

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



55, 2.800, 187.421



53, 2.870, 7.983

Rectangle

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



55, 2.800, 187.421



55, 2.800, 237.421



55, 2.800, 7.421



55, 2.800, 57.421

Sweetspot

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



55, 2.801, 187.399



71, 1.326, 187.874



55, 4.680, 140.081



37, 0.751, 187.912



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



55, 2.801, 187.399



70, 3.961, 187.309



54, 2.247, 238.380



28, 2.092, 187.284



48, 34.960, 177.496



1, 0.724, 187.694

Inverse Universe

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



53, 2.870, 7.983



68, 4.072, 8.079



54, 2.295, 57.179



27, 2.153, 8.105



26, 57.604, 31.764



0, 0.724, 7.678

Previews

White Background



This preview shows how the CIELCh color 55, 2.800, 187.421 looks on a white background.

Color Contrast Check

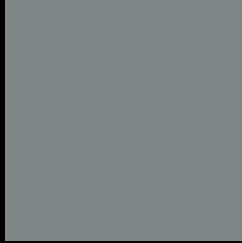
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.800, 187.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

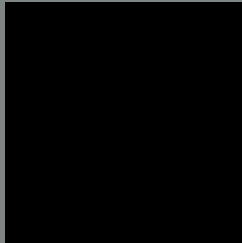
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

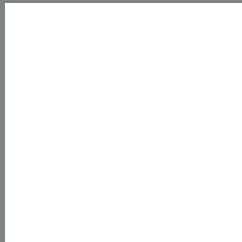
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 2.800, 187.421

Background



This preview shows how black text looks on a background with the CIELCh color 55, 2.800, 187.421.



This preview shows how white text looks on a background with the CIELCh color 55, 2.800, 187.421.

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, 2.800, 187.421

Protanopia

55, 1.190, 19.191

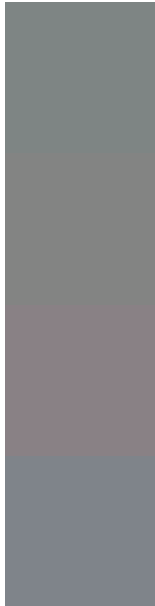
Deuteranopia

55, 7.267, 351.941



Tritanopia
55, 5.913, 275.990

Trichromacy



Original Color

55, 2.800, 187.421

Protanomaly

55, 0.694, 144.675

Deuteranomaly

55, 3.934, 344.037

Tritanomaly

55, 3.916, 261.252

Monochromacy



Original Color

55, 2.800, 187.421

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.316, 173.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 2.800, 187.421 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(126, 133, 132)` looks like.

```
.text, #text, p{  
    color:rgb(126, 133, 132)  
}
```

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(126, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 133, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 2.800, 187.421 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(126, 133, 132) }
```

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

```
.border{ border-color:rgb(126, 133, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 133, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(126, 133,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 2.800, 187.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 133, 132) }
```

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

```
.background{ background-color: rgb(126,  
133, 132) }
```

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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