

Converting Colors

CIELCh(55, 6.797, 257.305)

Have a look what the booklet for
CIELCh(55, 6.797, 257.305) contains.

CIELCh(55, 6.784, 257.290)	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, 6.784, 257.290)

Conversions

Conversions Part 1

Format	Color
Hex	7B858F
RGB	123, 133, 143
RGB Percent	48%, 52%, 56%
CMY	0.5180, 0.4788, 0.4396
CMYK	0.14, 0.07, 0.00, 0.44
HSL	210°, 8%, 52%
HSV	210°, 14%, 56%
XYZ	21.4768, 22.9298, 29.2387
YIQ	131.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

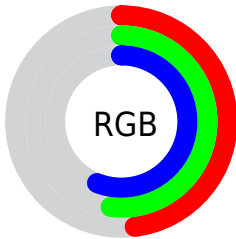
Format	Color
R_{YB}	123, 130, 143
Decimal	8095119
CIE Lab	55.00, -1.49, -6.62
CIE LCh	55, 6.784, 257.290
Yxy	22.9298, 0.2916, 0.3114
Android (android.graphics.Color)	4286285199 (0xFF7B858F)
YUV	131.1500, 5.8420, -7.1476
Hunter-Lab	47.8851, -3.7405, -2.6829

Details

The CIELCh color $55, 6.784, 257.290$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 7.018, 73.709$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.861, 259.417$, and $35, 6.785, 255.161$ is the 20% darker color. If you saturate the color by 10%, you get $52, 11.566, 258.856$, and if you desaturate by 10%, it is $58, 1.948, 256.034$.

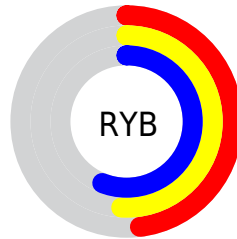
Distribution



Red (48%)

Green (52%)

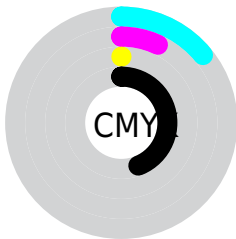
Blue (56%)



Red (48%)

Yellow (51%)

Blue (56%)

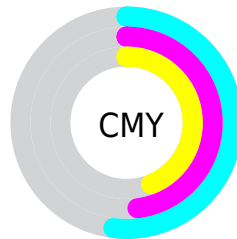


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.784, 257.290 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, 6.784, 257.290 by changing the saturation by 10% instead.

■ 55, 6.784, 257.290

■ 55, 6.784, 257.290

■ 100, 6.784,
257.290

■ 45, 6.784, 257.290

■ 75, 6.784, 257.290

■ 35, 6.784, 257.290

■ 85, 6.784, 257.290

■ 25, 6.784, 257.290

■ 95, 6.784, 257.290

■ 15, 6.784, 257.290

■ 5, 6.784, 257.290

■ 0, 6.784, 257.290

■ 55, 6.784, 257.290

■ 55, 6.784, 257.290

■ 52, 11.566,
258.856

■ 58, 1.948, 256.034

■ 61, 2.922, 74.637

49, 16.277,
260.736

64, 7.810, 73.712

46, 20.903,
262.967

68, 12.701, 72.874

43, 25.439,
265.605

71, 17.583, 72.140

40, 29.893,
268.694

74, 22.444, 71.494

77, 27.276, 70.923

37, 34.296,
272.252

80, 32.074, 70.415

83, 36.831, 69.960

35, 38.702,
276.248

32, 43.182,
280.570

31, 45.967,
283.046

Harmonies

Complementary

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



55, 6.784, 257.290



56, 7.018, 73.709

Rectangle

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



55, 6.784, 257.290



55, 6.784, 307.290



55, 6.784, 77.290



55, 6.784, 127.290

Sweetspot

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



55, 6.783, 257.280



74, 2.420, 256.042



58, 9.801, 161.652



39, 1.732, 256.108



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, 6.783, 257.280



69, 10.206, 257.778



52, 11.419, 290.979



29, 2.742, 256.624



29, 43.920, 282.791



1, 1.860, 255.416

Inverse Universe

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



54, 9.852, 344.772



67, 14.901, 345.081



59, 11.082, 108.181



28, 3.951, 344.339



28, 52.996, 0.795



1, 2.640, 343.641

Previews

White Background



This preview shows how the CIELCh color 55, 6.784, 257.290 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, 6.784, 257.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

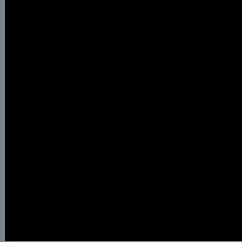
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

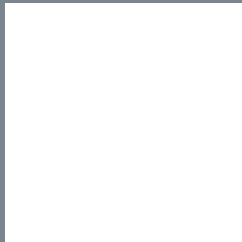
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 6.784, 257.290

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.784, 257.290.

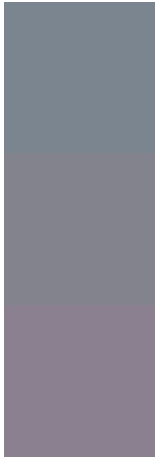


This preview shows how white text looks on a background with the CIELCh color 55, 6.784, 257.290.

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

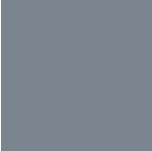
55, 6.784, 257.290

Protanopia

55, 6.324, 290.946

Deuteranopia

55, 10.177, 315.774



Tritanopia
55, 6.784, 257.290

Trichromacy



Original Color

55, 6.784, 257.290

Protanomaly

55, 5.913, 275.990

Deuteranomaly

55, 8.152, 299.197

Tritanomaly

55, 6.784, 257.290

Monochromacy



Original Color

55, 6.784, 257.290

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 2.303, 248.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 6.784, 257.290 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(123, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(123, 133, 143)  
}
```

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(123, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 133, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.784, 257.290 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(123, 133, 143) }
```

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

```
.border{ border-color:rgb(123, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(123, 133,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.784, 257.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 133, 143) }
```

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

```
.background{ background-color: rgb(123,  
133, 143) }
```

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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