

Converting Colors

CIELCh(55, 11.841, 183.776)

Have a look what the booklet for
CIELCh(55, 11.841, 183.776)
contains.

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Color

CIELCh(55, 12.047, 184.380)

Conversions

Conversions Part 1

Format	Color
Hex	6B8A85
RGB	107, 138, 133
RGB Percent	42%, 54%, 52%
CMY	0.5811, 0.4595, 0.4791
CMYK	0.22, 0.00, 0.04, 0.46
HSL	170°, 13%, 48%
HSV	170°, 22%, 54%
XYZ	19.3273, 22.9298, 25.5339
YIQ	128.1610, -16.8710, -8.1270

Conversions

Conversions Part 2

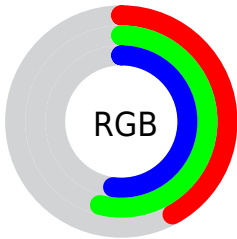
Format	Color
R_{YB}	107, 124, 138
Decimal	7047813
CIE _{Lab}	55.00, -12.01, -0.92
CIE _{LCh}	55, 12.047, 184.380
Yxy	22.9298, 0.2851, 0.3382
Android (android.graphics.Color)	4285237893 (0xFF6B8A85)
YUV	128.1610, 2.3856, -18.5582
Hunter-Lab	47.8851, -11.7532, 1.9043

Details

The CIELCh color `55, 12.047, 184.380` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `48, 13.300, 8.422`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 11.811, 185.256`, and `35, 11.805, 185.535` is the 20% darker color. If you saturate the color by 10%, you get `54, 16.987, 183.464`, and if you desaturate by 10%, it is `56, 6.817, 185.265`.

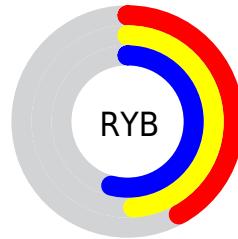
Distribution



Red (42%)

Green (54%)

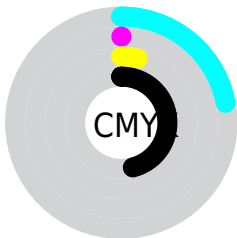
Blue (52%)



Red (42%)

Yellow (49%)

Blue (54%)

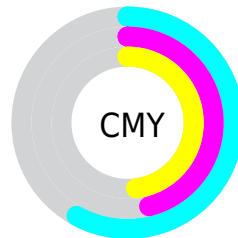


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (46%)



Cyan (58%)


Magenta (46%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 12.047, 184.380 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, 12.047, 184.380 by changing the saturation by 10% instead.


 55, 12.047,
184.380


 55, 12.047,
184.380


 100, 12.047,
184.380


 45, 12.047,
184.380


 75, 12.047,
184.380

 35, 12.047,
184.380

 85, 12.047,
184.380

 25, 12.047,
184.380

 95, 12.047,
184.380

 15, 12.047,
184.380

 5, 12.047, 184.380

 0, 12.047, 184.380

■ 55, 12.047,
184.380

■ 55, 12.047,
184.380

■ 54, 16.987,
183.464

■ 56, 6.817, 185.265

■ 53, 21.547,
182.508

■ 57, 1.376, 186.327

■ 58, 4.203, 6.752

■ 53, 25.643,
181.493

■ 60, 9.859, 7.589

■ 52, 29.197,
180.402

■ 61, 15.542, 8.366

■ 63, 21.212, 9.114

■ 52, 32.153,
179.215

■ 64, 26.842, 9.841

■ 51, 34.487,
177.912

■ 66, 32.409, 10.547

■ 68, 37.898, 11.232

■ 51, 36.214,
176.476

■ 51, 37.298,

Harmonies

Complementary

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



55, 12.047, 184.380



48, 13.300, 8.422

Rectangle

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



55, 12.047, 184.380



55, 12.047, 234.380



55, 12.047, 4.380



55, 12.047, 54.380

Sweetspot

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



55, 12.048, 184.376



72, 4.756, 185.756



55, 20.643, 138.670



37, 3.076, 185.711



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, 12.048, 184.376



69, 17.658, 183.916



52, 9.536, 237.969



29, 3.093, 185.567



49, 36.242, 175.436



1, 1.457, 186.257

Inverse Universe

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



48, 13.300, 8.422



59, 19.976, 9.061



51, 10.718, 54.005



27, 3.216, 6.971



27, 57.794, 30.631



0, 1.457, 6.241

Previews

White Background



This preview shows how the CIELCh color 55, 12.047, 184.380 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, 12.047, 184.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

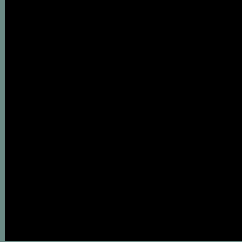
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 12.047, 184.380

Background



This preview shows how black text looks on a background with the CIELCh color 55, 12.047, 184.380.



This preview shows how white text looks on a background with the CIELCh color 55, 12.047, 184.380.

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, 12.047, 184.380

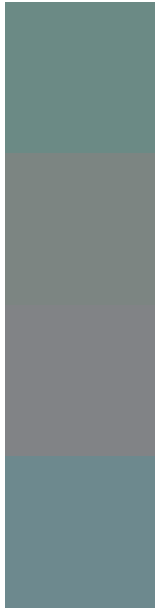
Protanopia
55, 1.645, 63.331

Deuteranopia
55, 7.537, 342.690



Tritanopia
55, 11.121, 233.464

Trichromacy



Original Color
55, 12.047, 184.380

Protanomaly
55, 3.945, 173.186

Deuteranomaly
55, 1.886, 265.991

Tritanomaly
55, 10.549, 214.360

Monochromacy



Original Color
55, 12.047, 184.380

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.825, 185.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 12.047, 184.380 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(107, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(107, 138, 133)  
}
```

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(107, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 138, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 12.047, 184.380 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(107, 138, 133) }
```

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

```
.border{ border-color:rgb(107, 138, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 138, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 138, 133); box-shadow:4px 4px 4px 4px rgb(107, 138, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 12.047, 184.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 138, 133) }
```

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

```
.background{ background-color: rgb(107,  
138, 133) }
```

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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