

Converting Colors

CIELCh(55, 9.532, 143.892)

Have a look what the booklet for
CIELCh(55, 9.532, 143.892) contains.

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Color

CIELCh(55, 9.124, 143.916)

Conversions

Conversions Part 1	
Format	Color
Hex	7A877A
RGB	122, 135, 122
RGB Percent	48%, 53%, 48%
CMY	0.5210, 0.4700, 0.5210
CMYK	0.10, 0.00, 0.10, 0.47
HSL	120°, 5%, 50%
HSV	120°, 10%, 53%
XYZ	20.2565, 22.9298, 21.8209
YIQ	129.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

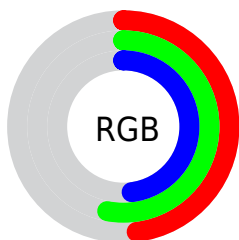
Format	Color
RYB	122, 135, 135
Decimal	8030074
CIELab	55.00, -7.37, 5.37
CIELCh	55, 9.124, 143.916
Yxy	22.9298, 0.3116, 0.3527
Android (android.graphics.Color)	4286220154 (0xFF7A877A)
YUV	129.6310, -3.7621, -6.6924
Hunter-Lab	47.8851, -8.2895, 6.5015

Details

The CIELCh color $55, 9.124, 143.916$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 9.139, 324.929$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 9.232, 144.041$, and $35, 9.160, 143.674$ is the 20% darker color. If you saturate the color by 10%, you get $54, 18.695, 143.242$, and if you desaturate by 10%, it is $56, 0.363, 323.928$.

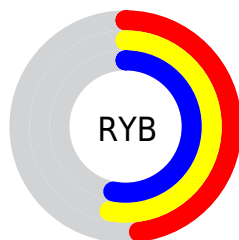
Distribution



Red (48%)

Green (53%)

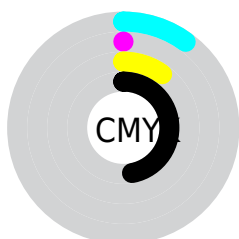
Blue (48%)



Red (48%)

Yellow (53%)

Blue (53%)

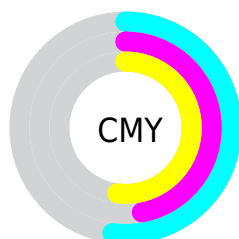


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (47%)



Cyan (52%)

Magenta (47%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 9.124, 143.916 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, 9.124, 143.916 by changing the saturation by 10% instead.

 55, 9.124, 143.916

 55, 9.124, 143.916

 100, 9.124,
143.916

 45, 9.124, 143.916

 75, 9.124, 143.916

 35, 9.124, 143.916

 85, 9.124, 143.916

 25, 9.124, 143.916

 95, 9.124, 143.916

 15, 9.124, 143.916

 5, 9.124, 143.916

 0, 9.124, 143.916

 55, 9.124, 143.916


 55, 9.124, 143.916


 54, 18.695,
143.242


 56, 0.363, 323.928


 58, 9.681, 324.921


 53, 28.224,
142.466

 60, 18.772,
325.339


 52, 37.544,
141.576


 61, 27.600,
325.689


 51, 46.444,
140.578

 63, 36.147,
325.987


 50, 54.657,
139.499

 65, 44.406,
326.241


 50, 61.865,
138.402

 67, 52.380,
326.459

 49, 67.711,
137.392

 69, 60.079,
326.647

 49, 71.855,
136.603

 72, 67.514,
326.809

 49, 74.630,
136.038

Harmonies

Complementary

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



55, 9.124, 143.916



53, 9.139, 324.929

Rectangle

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



55, 9.124, 143.916



55, 9.124, 193.916



55, 9.124, 323.916



55, 9.124, 13.916

Sweetspot

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



55, 9.126, 143.916



71, 3.507, 144.343



56, 7.284, 108.600



38, 2.682, 144.288



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, 9.126, 143.916



70, 14.140, 143.746



55, 6.437, 162.045



28, 5.432, 143.945



48, 73.707, 136.016



1, 2.511, 144.443

Inverse Universe

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



53, 9.139, 324.929



66, 14.157, 325.073



53, 6.512, 343.482



27, 5.441, 324.904



31, 71.116, 328.232



0, 2.512, 324.438

Previews

White Background



This preview shows how the CIELCh color 55, 9.124, 143.916 looks on a white background.

Color Contrast Check

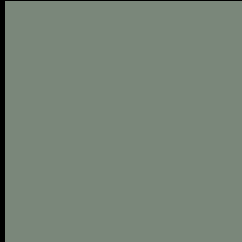
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.124, 143.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

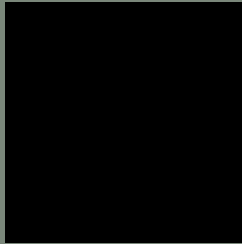
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

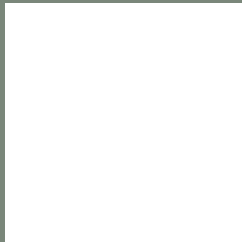
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 9.124, 143.916

Background



This preview shows how black text looks on a background with the CIELCh color 55, 9.124, 143.916.



This preview shows how white text looks on a background with the CIELCh color 55, 9.124, 143.916.

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, 9.124, 143.916

Protanopia

55, 6.749, 87.991

Deuteranopia

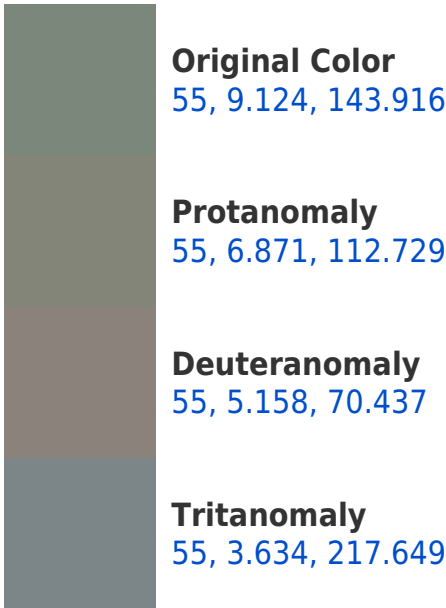
55, 8.399, 31.950



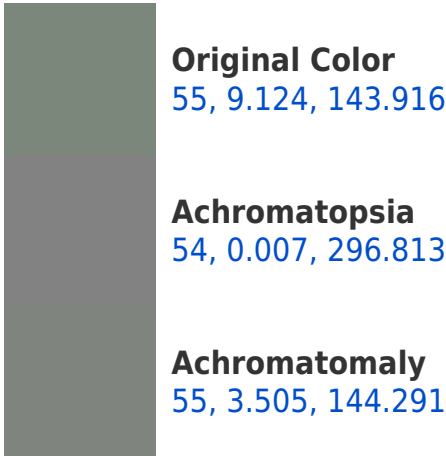
Tritanopia

55, 6.794, 268.119

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 55, 9.124, 143.916 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(122, 135, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 135, 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(122, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 135, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 9.124, 143.916 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(122, 135, 122) }
```

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

```
.border{ border-color:rgb(122, 135, 122) }
```

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

Here you see how a box with a 4 pixel rgb(122, 135, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 135, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 135, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 135,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 9.124, 143.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 135, 122) }
```

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

```
.background{ background-color: rgb(122,  
135, 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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