

Converting Colors

CIELCh(55, 8.345, 24.433)

Have a look what the booklet for
CIELCh(55, 8.345, 24.433) contains.

CIELCh(55, 8.192, 24.216)	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, 8.192, 24.216)

Conversions

Conversions Part 1

Format	Color
Hex	937F7E
RGB	147, 127, 126
RGB Percent	58%, 50%, 49%
CMY	0.4231, 0.5015, 0.5055
CMYK	0.00, 0.14, 0.14, 0.42
HSL	3°, 9%, 54%
HSV	3°, 14%, 58%
XYZ	23.4296, 22.9298, 22.9667
YIQ	132.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

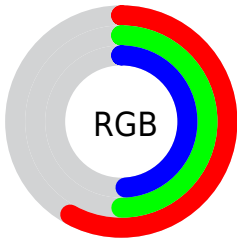
Format	Color
R _Y B	147, 127, 126
Decimal	9666430
CIE Lab	55.00, 7.47, 3.36
CIE LCh	55, 8.192, 24.216
Yxy	22.9298, 0.3380, 0.3308
Android (android.graphics.Color)	4287856510 (0xFF937F7E)
YUV	132.8660, -3.3849, 12.3955
Hunter-Lab	47.8851, 3.5388, 5.0829

Details

The CIELCh color $55, 8.192, 24.216$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.479, 203.131$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.018, 23.836$, and $35, 8.108, 24.950$ is the 20% darker color. If you saturate the color by 10%, you get $51, 14.486, 24.940$, and if you desaturate by 10%, it is $59, 2.359, 23.578$.

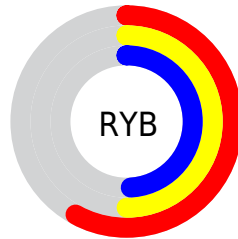
Distribution



Red (58%)

Green (50%)

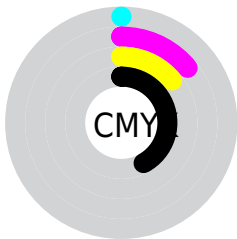
Blue (49%)



Red (58%)

Yellow (50%)

Blue (49%)

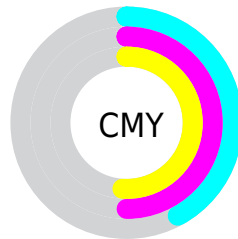


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.192, 24.216 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, 8.192, 24.216 by changing the saturation by 10% instead.

 55, 8.192, 24.216  55, 8.192, 24.216

 100, 8.192, 24.216  45, 8.192, 24.216


 75, 8.192, 24.216  35, 8.192, 24.216

 85, 8.192, 24.216  25, 8.192, 24.216


 95, 8.192, 24.216  15, 8.192, 24.216

 5, 8.192, 24.216

 0, 8.192, 24.216

 55, 8.192, 24.216  55, 8.192, 24.216

 51, 14.486, 24.940  59, 2.359, 23.578

 47, 21.253, 25.868  63, 3.035, 203.526

43, 28.461, 27.088

68, 8.030, 203.150

40, 36.033, 28.683

72, 12.667,
202.920

37, 43.825, 30.727

76, 16.987,
202.758

34, 51.609, 33.243

32, 59.005, 36.085

81, 21.028,
202.644

31, 65.219, 38.699

85, 24.824,
202.565

30, 68.079, 40.088

89, 28.406,
202.513

93, 32.005,
199.132

Harmonies

Complementary

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



55, 8.192, 24.216



59, 7.479, 203.131

Rectangle

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



55, 8.192, 24.216



55, 8.192, 74.216



55, 8.192, 204.216



55, 8.192, 254.216

Sweetspot

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



55, 8.191, 24.227



75, 2.731, 23.560



55, 14.244, 326.100



40, 1.961, 23.621



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 8.191, 24.227



69, 12.227, 24.428



58, 7.502, 77.164



29, 3.190, 23.915



28, 64.471, 39.771



1, 2.698, 23.580

Inverse Universe

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



59, 7.479, 203.131



75, 10.933, 203.027



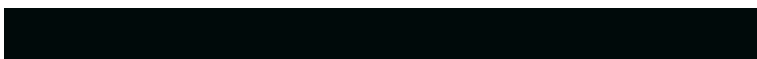
56, 7.299, 260.890



31, 3.012, 203.331



50, 29.775, 204.085



2, 2.698, 203.598

Previews

White Background



This preview shows how the CIELCh color 55, 8.192, 24.216 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, 8.192, 24.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

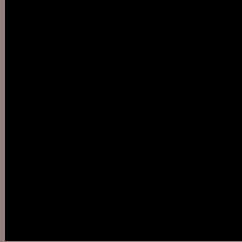
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 8.192, 24.216

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.192, 24.216.



This preview shows how white text looks on a background with the CIELCh color 55, 8.192, 24.216.

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, 8.192, 24.216

Protanopia

55, 2.335, 66.633

Deuteranopia

55, 8.192, 24.216



Tritanopia
55, 10.185, 350.170

Trichromacy



Original Color
55, 8.192, 24.216

Protanomaly
55, 4.010, 44.960

Deuteranomaly
55, 8.192, 24.216

Tritanomaly
55, 9.491, 359.269

Monochromacy



Original Color
55, 8.192, 24.216

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 2.852, 31.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.192, 24.216 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(147, 127, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 127, 126)  
}
```

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(147, 127, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 127, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.192, 24.216 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(147, 127, 126) }
```

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

```
.border{ border-color:rgb(147, 127, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 127, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 127, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 127, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 127,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.192, 24.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 127, 126) }
```

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

```
.background{ background-color: rgb(147,  
127, 126) }
```

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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