

Converting Colors

CIELCh(55, 9.053, 90.380)

Have a look what the booklet for
CIELCh(55, 9.053, 90.380) contains.

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Color

CIELCh(55, 9.053, 90.380)

Conversions

Conversions Part 1

Format	Color
Hex	8A8374
RGB	138, 131, 116
RGB Percent	54%, 51%, 45%
CMY	0.4585, 0.4859, 0.5448
CMYK	0.00, 0.05, 0.16, 0.46
HSL	41°, 9%, 50%
HSV	41°, 16%, 54%
XYZ	21.7813, 22.9298, 19.8272
YIQ	131.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

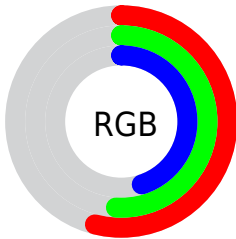
Format	Color
R _Y B	126, 138, 116
Decimal	9077620
CIE Lab	55.00, -0.06, 9.05
CIE LCh	55, 9.053, 90.380
Yxy	22.9298, 0.3375, 0.3553
Android (android.graphics.Color)	4287267700 (0xFF8A8374)
YUV	131.3830, -7.5838, 5.8031
Hunter-Lab	47.8851, -2.6054, 8.9701

Details

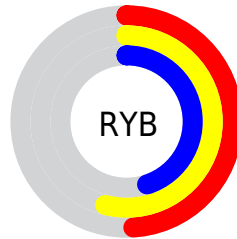
The CIELCh color **55, 9.053, 90.380** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **52, 9.053, 274.437**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 9.129, 89.553**, and **35, 9.116, 91.090** is the 20% darker color. If you saturate the color by 10%, you get **53, 14.875, 89.142**, and if you desaturate by 10%, it is **57, 3.335, 91.573**.

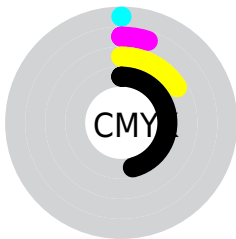
Distribution



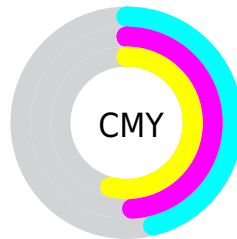
- Red (54%)
- Green (51%)
- Blue (45%)



- Red (49%)
- Yellow (54%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 9.053, 90.380 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, 9.053, 90.380 by changing the saturation by 10% instead.

 55, 9.053, 90.380  55, 9.053, 90.380

 100, 9.053, 90.380  45, 9.053, 90.380

 75, 9.053, 90.380  35, 9.053, 90.380


 85, 9.053, 90.380  25, 9.053, 90.380

 95, 9.053, 90.380  15, 9.053, 90.380

 5, 9.053, 90.380

 0, 9.053, 90.380

 55, 9.053, 90.380  55, 9.053, 90.380

 53, 14.875, 89.142  57, 3.335, 91.573

 52, 20.780, 87.852  58, 2.276, 272.874

51, 26.729, 86.525

60, 7.781, 273.946

49, 32.641, 85.156

61, 13.186,
275.013

48, 38.366, 83.730

63, 18.497,
276.037

46, 43.638, 82.209

45, 48.037, 80.511

65, 23.720,
277.012

44, 51.151, 78.543

67, 28.862,
277.939

43, 52.415, 77.780

68, 33.930,
278.817

70, 38.928,
279.648

Harmonies

Complementary

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



55, 9.053, 90.380



52, 9.053, 274.437

Rectangle

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



55, 9.053, 90.380



55, 9.053, 140.380



55, 9.053, 270.380



55, 9.053, 320.380

Sweetspot

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



55, 9.054, 90.390



72, 3.462, 91.663



51, 9.909, 355.167



37, 2.355, 91.597



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, 9.054, 90.390



69, 13.359, 89.962



57, 12.573, 115.593



28, 3.177, 91.205



42, 50.904, 77.891



1, 1.467, 92.322

Inverse Universe

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



52, 9.053, 274.437



64, 13.351, 274.960



50, 13.002, 297.930



27, 3.182, 273.500



21, 59.892, 296.424



0, 1.467, 272.329

Previews

White Background



This preview shows how the CIELCh color 55, 9.053, 90.380 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 CIE LCh color 55, 9.053, 90.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

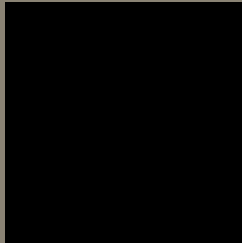
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

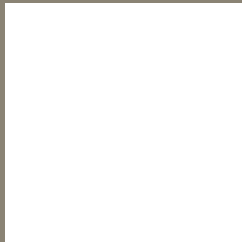
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 9.053, 90.380

Background



This preview shows how black text looks on a background with the CIELCh color 55, 9.053, 90.380.



This preview shows how white text looks on a background with the CIELCh color 55, 9.053, 90.380.

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, 9.053, 90.380

Protanopia

55, 9.053, 90.380

Deuteranopia

55, 11.273, 50.546



Tritanopia
55, 7.718, 332.165

Trichromacy



Original Color
55, 9.053, 90.380

Protanomaly
55, 9.053, 90.380

Deuteranomaly
55, 9.845, 59.521

Tritanomaly
55, 4.450, 12.413

Monochromacy



Original Color
55, 9.053, 90.380

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 3.095, 86.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 9.053, 90.380 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(138, 131, 116)` looks like.

```
.text, #text, p{  
    color:rgb(138, 131, 116)  
}
```

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(138, 131, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 131, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 9.053, 90.380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

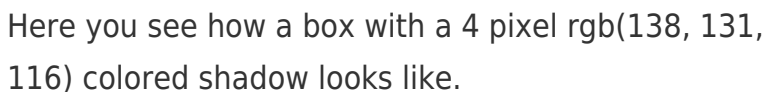
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 131, 116) }
```

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

```
.border{ border-color:rgb(138, 131, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 131, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 131, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 131, 116); box-shadow:4px 4px 4px 4px rgb(138, 131, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 9.053, 90.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 131, 116) }
```

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

```
.background{ background-color: rgb(138,  
131, 116) }
```

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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