

Converting Colors

CIELCh(55, 6.015, 86.391)

Have a look what the booklet for
CIELCh(55, 6.015, 86.391) contains.

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Color

CIELCh(55, 6.217, 86.190)

Conversions

Conversions Part 1

Format	Color
Hex	898379
RGB	137, 131, 121
RGB Percent	54%, 51%, 47%
CMY	0.4628, 0.4863, 0.5255
CMYK	0.00, 0.04, 0.12, 0.46
HSL	38°, 6%, 51%
HSV	38°, 12%, 54%
XYZ	21.8825, 22.9298, 21.3603
YIQ	131.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

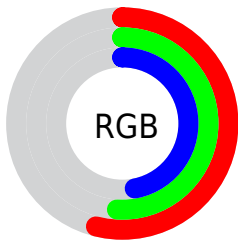
Format	Color
R_{YB}	131, 137, 121
Decimal	9012089
CIE _{Lab}	55.00, 0.41, 6.20
CIE _{LCh}	55, 6.217, 86.190
Yxy	22.9298, 0.3307, 0.3465
Android (android.graphics.Color)	4287202169 (0xFF898379)
YUV	131.6540, -5.2524, 4.6884
Hunter-Lab	47.8851, -2.2282, 7.0719

Details

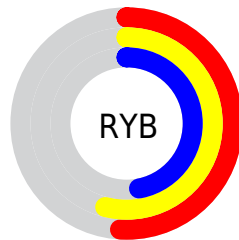
The CIELCh color $55, 6.217, 86.190$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 6.176, 269.217$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.330, 88.379$, and $35, 6.021, 87.285$ is the 20% darker color. If you saturate the color by 10%, you get $53, 11.697, 84.956$, and if you desaturate by 10%, it is $57, 0.877, 87.228$.

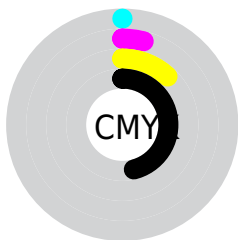
Distribution



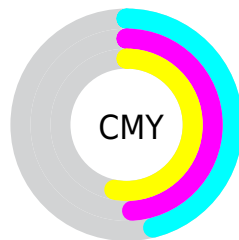
- Red (54%)
- Green (51%)
- Blue (47%)



- Red (51%)
- Yellow (54%)
- Blue (47%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.217, 86.190 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, 6.217, 86.190 by changing the saturation by 10% instead.

■ 55, 6.217, 86.190 ■ 55, 6.217, 86.190

■ 100, 6.217, 86.190 ■ 45, 6.217, 86.190

■ 75, 6.217, 86.190 ■ 35, 6.217, 86.190

■ 85, 6.217, 86.190 ■ 25, 6.217, 86.190

■ 95, 6.217, 86.190 ■ 15, 6.217, 86.190

■ 5, 6.217, 86.190

■ 0, 6.217, 86.190

■ 55, 6.217, 86.190 ■ 55, 6.217, 86.190

■ 53, 11.697, 84.956 ■ 57, 0.877, 87.228

■ 52, 17.312, 83.659 ■ 59, 4.330, 268.690

50, 23.044, 82.325

60, 9.411, 269.798

48, 28.848, 80.950

62, 14.378,
270.875

47, 34.626, 79.521

64, 19.238,
271.907

45, 40.191, 78.003

44, 45.212, 76.318

66, 24.004,
272.890

42, 49.178, 74.318

68, 28.682,
273.825

41, 51.996, 72.581

70, 33.281,
274.711

72, 37.808,
275.550

Harmonies

Complementary

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



55, 6.217, 86.190



53, 6.176, 269.217

Rectangle

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



55, 6.217, 86.190



55, 6.217, 136.190



55, 6.217, 266.190



55, 6.217, 316.190

Sweetspot

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



55, 6.218, 86.205



72, 2.612, 87.076



52, 7.364, 351.454



37, 1.852, 87.007



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, 6.218, 86.205



70, 9.284, 85.882



57, 9.127, 113.871



28, 3.006, 86.508



40, 50.779, 72.686



1, 1.384, 87.659

Inverse Universe

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



53, 6.176, 269.217



67, 9.199, 269.591



51, 9.363, 295.715



27, 2.993, 268.874



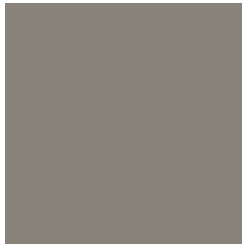
23, 54.574, 292.990



0, 1.384, 267.667

Previews

White Background



This preview shows how the CIE LCh color 55, 6.217, 86.190 looks on a white background.

Color Contrast Check

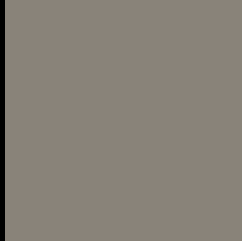
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.217, 86.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

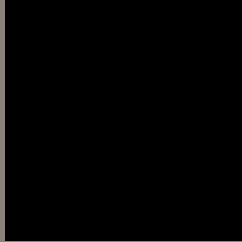
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

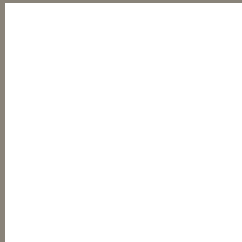
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 6.217, 86.190

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.217, 86.190.



This preview shows how white text looks on a background with the CIELCh color 55, 6.217, 86.190.

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

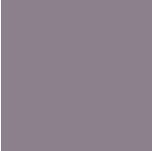
55, 6.217, 86.190

Protanopia

55, 6.067, 89.772

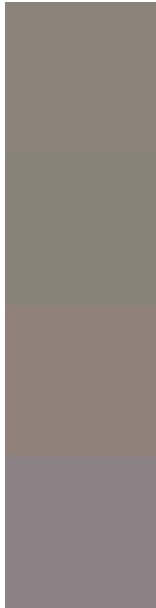
Deuteranopia

55, 9.157, 38.346



Tritanopia
55, 7.684, 324.835

Trichromacy



Original Color
55, 6.217, 86.190

Protanomaly
55, 6.067, 89.772

Deuteranomaly
55, 7.437, 47.377

Tritanomaly
55, 3.987, 354.186

Monochromacy



Original Color
55, 6.217, 86.190

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 2.413, 90.521

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 55, 6.217, 86.190 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(137, 131, 121)` looks like.

```
.text, #text, p{  
    color:rgb(137, 131, 121)  
}
```

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(137, 131, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 131, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.217, 86.190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

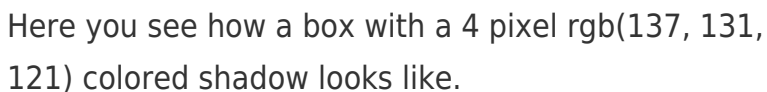
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 131, 121) }
```

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

```
.border{ border-color:rgb(137, 131, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 131, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 131, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 131, 121);  
box-shadow:4px 4px 4px 4px rgb(137, 131,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.217, 86.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 131, 121) }
```

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

```
.background{ background-color: rgb(137,  
131, 121) }
```

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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