

Converting Colors

CIELCh(55, 3.323, 208.697)

Have a look what the booklet for
CIELCh(55, 3.323, 208.697) contains.

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Color

CIELCh(55, 3.142, 209.776)

Conversions

Conversions Part 1

Format	Color
Hex	7D8586
RGB	125, 133, 134
RGB Percent	49%, 52%, 53%
CMY	0.5090, 0.4777, 0.4737
CMYK	0.07, 0.01, 0.00, 0.47
HSL	187°, 4%, 51%
HSV	187°, 7%, 53%
XYZ	21.2167, 22.9298, 25.9336
YIQ	130.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

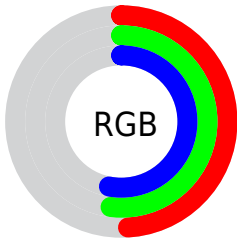
Format	Color
RYB	125, 129, 134
Decimal	8226182
CIELab	55.00, -2.73, -1.56
CIElCh	55, 3.142, 209.776
Yxy	22.9298, 0.3027, 0.3272
Android (android.graphics.Color)	4286416262 (0xFF7D8586)
YUV	130.7220, 1.6161, -5.0182
Hunter-Lab	47.8851, -4.7102, 1.4093

Details

The CIELCh color $55, 3.142, 209.776$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 3.275, 29.714$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 2.967, 209.843$, and $35, 3.347, 199.019$ is the 20% darker color. If you saturate the color by 10%, you get $54, 7.621, 209.610$, and if you desaturate by 10%, it is $57, 1.575, 29.499$.

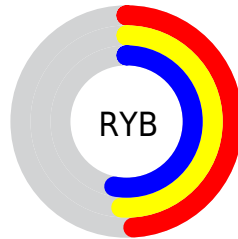
Distribution



Red (49%)

Green (52%)

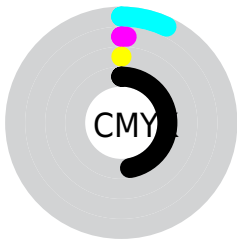
Blue (53%)



Red (49%)

Yellow (51%)

Blue (53%)

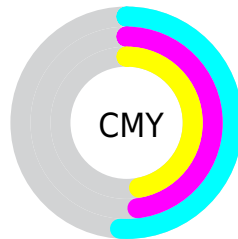


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (47%)



Cyan (51%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 3.142, 209.776 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, 3.142, 209.776 by changing the saturation by 10% instead.

■ 55, 3.142, 209.776

■ 55, 3.142, 209.776

■ 100, 3.142,
209.776

■ 45, 3.142, 209.776

■ 75, 3.142, 209.776

■ 35, 3.142, 209.776

■ 85, 3.142, 209.776

■ 25, 3.142, 209.776

■ 95, 3.142, 209.776

■ 15, 3.142, 209.776

■ 5, 3.142, 209.776

■ 0, 3.142, 209.776

■ 55, 3.142, 209.776

■ 55, 3.142, 209.776

■ 54, 7.621, 209.610

■ 57, 1.575, 29.499

■ 52, 11.796,

■ 58, 6.473, 29.903

209.628

60, 11.504, 30.183

51, 15.597,
209.784

61, 16.625, 30.481

50, 18.951,
210.099

63, 21.806, 30.799

49, 21.792,
210.605

65, 27.018, 31.130

48, 24.064,
211.340

67, 32.242, 31.471

69, 37.460, 31.816

47, 25.738,
212.342

71, 42.662, 32.160

46, 26.814,
213.653

46, 27.383,
215.271

Harmonies

Complementary

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



55, 3.142, 209.776



54, 3.275, 29.714

Rectangle

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



55, 3.142, 209.776



55, 3.142, 259.776



55, 3.142, 29.776



55, 3.142, 79.776

Sweetspot

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



55, 3.143, 209.751



70, 1.168, 210.105



55, 5.891, 146.921



37, 0.661, 210.139



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



55, 3.143, 209.751



69, 4.603, 209.713



54, 3.394, 266.326



27, 2.600, 209.693



44, 26.935, 215.746



0, 0.637, 209.725

Inverse Universe

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



53, 5.861, 327.943



67, 8.624, 328.032



55, 3.406, 84.542



26, 4.886, 328.088



29, 64.447, 333.042



0, 1.163, 327.601

Previews

White Background



This preview shows how the CIELCh color 55, 3.142, 209.776 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, 3.142, 209.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

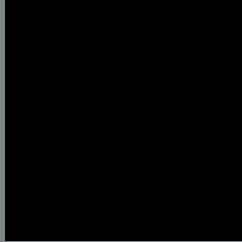
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

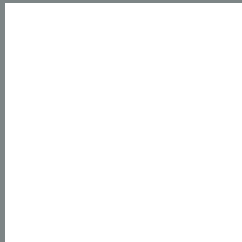
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 3.142, 209.776

Background



This preview shows how black text looks on a background with the CIELCh color 55, 3.142, 209.776.



This preview shows how white text looks on a background with the CIELCh color 55, 3.142, 209.776.

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, 3.142, 209.776

Protanopia

55, 1.406, 324.386

Deuteranopia

55, 7.537, 342.690



Tritanopia
55, 6.013, 272.502

Trichromacy



Original Color

55, 3.142, 209.776

Protanomaly

55, 0.967, 236.245

Deuteranomaly

55, 4.441, 328.856

Tritanomaly

55, 4.591, 260.721

Monochromacy



Original Color

55, 3.142, 209.776

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.176, 199.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 3.142, 209.776 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(125, 133, 134)` looks like.

```
.text, #text, p{  
    color:rgb(125, 133, 134)  
}
```

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(125, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 133, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 3.142, 209.776 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(125, 133, 134) }
```

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

```
.border{ border-color:rgb(125, 133, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 133, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 133, 134);  
box-shadow:4px 4px 4px 4px rgb(125, 133,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 3.142, 209.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 133, 134) }
```

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

```
.background{ background-color: rgb(125,  
133, 134) }
```

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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