

Converting Colors

CIELCh(53, 1.210, 90.675)

Have a look what the booklet for
CIELCh(53, 1.210, 90.675) contains.

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Color

CIELCh(53, 1.213, 90.706)

Conversions

Conversions Part 1

Format	Color
Hex	7F7E7C
RGB	127, 126, 124
RGB Percent	50%, 49%, 49%
CMY	0.5002, 0.5042, 0.5120
CMYK	0.00, 0.01, 0.02, 0.50
HSL	40°, 1%, 49%
HSV	40°, 2%, 50%
XYZ	20.0007, 21.0462, 22.2219
YIQ	126.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

Format	Color
R _Y B	126, 127, 124
Decimal	8355452
CIE Lab	53.00, -0.01, 1.21
CIE LCh	53, 1.213, 90.706
Yxy	21.0462, 0.3161, 0.3326
Android (android.graphics.Color)	4286545532 (0xFF7F7E7C)
YUV	126.0710, -1.0210, 0.8147
Hunter-Lab	45.8761, -2.4620, 3.3938

Details

The CIELCh color $53, 1.213, 90.706$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 1.226, 271.606$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 1.656, 96.873$, and $33, 1.325, 90.607$ is the 20% darker color. If you saturate the color by 10%, you get $51, 6.458, 89.685$, and if you desaturate by 10%, it is $55, 3.924, 272.111$.

Distribution



Red (50%)

Green (49%)

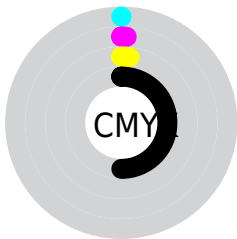
Blue (49%)



Red (49%)

Yellow (50%)

Blue (49%)



Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 1.213, 90.706 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 53, 1.213, 90.706 by changing the saturation by 10% instead.

■ 53, 1.213, 90.706

■ 53, 1.213, 90.706

100, 1.213, 90.706

■ 43, 1.213, 90.706

■ 73, 1.213, 90.706

■ 33, 1.213, 90.706

■ 83, 1.213, 90.706

■ 23, 1.213, 90.706

■ 93, 1.213, 90.706

■ 13, 1.213, 90.706

■ 3, 1.213, 90.706

■ 0, 1.213, 90.706

■ 53, 1.213, 90.706

■ 53, 1.213, 90.706

■ 51, 6.458, 89.685

■ 55, 3.924, 272.111

■ 50, 11.809, 88.456

■ 56, 8.961, 273.195

49, 17.255, 87.182

58, 13.901,
274.249

47, 22.773, 85.870

59, 18.753,
275.257

46, 28.308, 84.518

44, 33.755, 83.116

61, 23.522,
276.217

43, 38.923, 81.634

63, 28.216,
277.129

42, 43.487, 80.008

41, 46.978, 78.120

64, 32.841,
277.994

66, 37.402,
278.812

68, 41.903,
279.586

Harmonies

Complementary

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



53, 1.213, 90.706



53, 1.226, 271.606

Rectangle

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



53, 1.213, 90.706



53, 1.213, 140.706



53, 1.213, 270.706



53, 1.213, 320.706

Sweetspot

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



53, 1.214, 90.769



68, 0.634, 90.738



52, 1.341, 353.648



36, 0.363, 90.721



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 1.214, 90.769



67, 1.920, 90.718



53, 1.739, 116.545



27, 1.166, 90.668



40, 49.412, 76.680



0, 0.000, 0.000

Inverse Universe

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



53, 1.226, 271.606



67, 1.933, 271.660



52, 1.761, 296.868



26, 1.172, 271.713



21, 56.674, 295.462



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 1.213, 90.706 looks on a white background.

Color Contrast Check

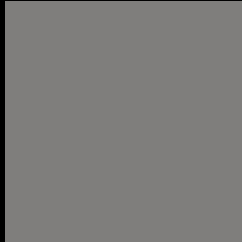
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 1.213, 90.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

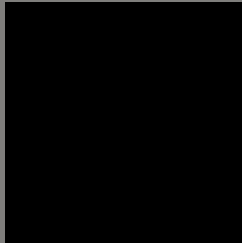
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 1.213, 90.706

Background



This preview shows how black text looks on a background with the CIELCh color 53, 1.213, 90.706.



This preview shows how white text looks on a background with the CIELCh color 53, 1.213, 90.706.

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

53, 1.213, 90.706

Protanopia

53, 1.657, 63.325

Deuteranopia

53, 7.116, 6.120



Tritanopia
53, 6.020, 305.848

Trichromacy



Original Color
53, 1.213, 90.706

Protanomaly
53, 1.394, 74.868

Deuteranomaly
53, 4.484, 12.438

Tritanomaly
53, 3.012, 305.661

Monochromacy



Original Color
53, 1.213, 90.706

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 0.570, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 1.213, 90.706 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(127, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 126, 124)  
}
```

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(127, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 126, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 1.213, 90.706 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(127, 126, 124) }
```

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

```
.border{ border-color:rgb(127, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 126,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 1.213, 90.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 126, 124) }
```

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

```
.background{ background-color: rgb(127,  
126, 124) }
```

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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