

Converting Colors

CIELCh(78, 55.671, 105.128)

Have a look what the booklet for
CIELCh(78, 55.671, 105.128)
contains.

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Color

CIELCh(78, 55.513, 105.040)

Conversions

Conversions Part 1

Format	Color
Hex	C6C659
RGB	198, 198, 89
RGB Percent	78%, 78%, 35%
CMY	0.2229, 0.2229, 0.6504
CMYK	0.00, 0.00, 0.55, 0.22
HSL	60°, 49%, 56%
HSV	60°, 55%, 78%
XYZ	45.3714, 53.2120, 17.3640
YIQ	185.5740, 34.9890, -33.8990

Conversions

Conversions Part 2

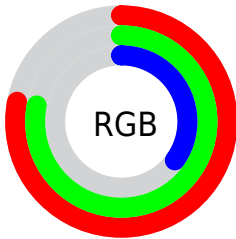
Format	Color
R _Y B	89, 198, 89
Decimal	13026905
CIE Lab	78.00, -14.41, 53.61
CIE LCh	78, 55.513, 105.040
Yxy	53.2120, 0.3913, 0.4589
Android (android.graphics.Color)	4291216985 (0xFFC6C659)
YUV	185.5740, -47.6110, 10.8976
Hunter-Lab	72.9466, -16.6327, 36.9494

Details

The CIELCh color **78, 55.513, 105.040** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **43, 64.993, 298.480**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 55.849, 105.903**, and **58, 55.481, 104.671** is the 20% darker color. If you saturate the color by 10%, you get **78, 63.905, 104.280**, and if you desaturate by 10%, it is **78, 46.223, 105.900**.

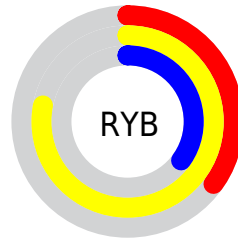
Distribution



Red (78%)

Green (78%)

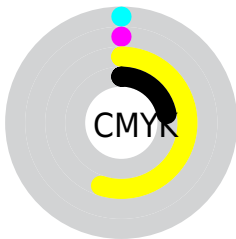
Blue (35%)



Red (35%)

Yellow (78%)

Blue (35%)

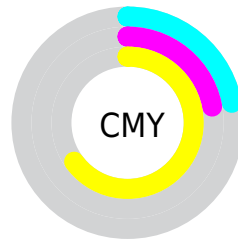


Cyan (0%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 55.513, 105.040 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 78, 55.513, 105.040 by changing the saturation by 10% instead.


 78, 55.513,
105.040


 78, 55.513,
105.040


 100, 55.513,
105.040


 68, 55.513,
105.040


 98, 55.513,
105.040

 58, 55.513,
105.040

 48, 55.513,
105.040

 38, 55.513,
105.040

 28, 55.513,
105.040

 18, 55.513,
105.040

 8, 55.513, 105.040

■ 0, 55.513, 105.040

■ 78, 55.513,
105.040

■ 78, 55.513,
105.040

■ 78, 63.905,
104.280

■ 78, 46.223,
105.900

■ 78, 70.951,
103.652

■ 79, 36.366,
106.818

■ 78, 76.156,
103.196

■ 79, 26.165,
107.771

■ 78, 79.177,
102.935

■ 79, 15.768,
108.735

■ 78, 80.151,
102.852

■ 80, 5.269, 109.689

■ 80, 5.272, 290.660

■ 81, 15.813,

291.572

■ 81, 26.327,
292.458

■ 82, 30.198,
292.776

Harmonies

Complementary

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



78, 55.513, 105.040



43, 64.993, 298.480

Rectangle

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



78, 55.513, 105.040



78, 55.513, 155.040



78, 55.513, 285.040



78, 55.513, 335.040

Sweetspot

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



78, 55.514, 105.043



99, 21.900, 108.518



52, 48.198, 25.023



53, 14.637, 108.322



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 55.514, 105.043



97, 79.099, 104.144



74, 59.884, 125.990



42, 5.982, 109.275



65, 69.399, 102.852



13, 20.289, 105.977

Inverse Universe

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



43, 64.993, 298.480



47, 97.456, 301.107



48, 65.242, 311.348



38, 6.114, 291.145



19, 95.828, 306.287



1, 21.510, 291.746

Previews

White Background



This preview shows how the CIELCh color 78, 55.513, 105.040 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 78, 55.513, 105.040 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 ✓ Pass

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

CIELCh 78, 55.513, 105.040

Background



This preview shows how black text looks on a background with the CIELCh color 78, 55.513, 105.040.



This preview shows how white text looks on a background with the CIELCh color 78, 55.513, 105.040.

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
78, 55.513, 105.040

Protanopia
78, 54.704, 95.527

Deuteranopia
78, 53.541, 78.869



Tritanopia
78, 11.698, 337.046

Trichromacy



Original Color
78, 55.513, 105.040

Protanomaly
78, 55.019, 99.209

Deuteranomaly
78, 52.779, 88.608

Tritanomaly
77, 17.085, 88.336

Monochromacy



Original Color
78, 55.513, 105.040

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 20.798, 108.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 55.513, 105.040 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(198, 198, 89)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 89)  
}
```

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(198, 198, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 55.513, 105.040 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(198, 198, 89) }
```

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

```
.border{ border-color:rgb(198, 198, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 89);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 55.513, 105.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 89) }
```

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

```
.background{ background-color: rgb(198,  
198, 89) }
```

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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