

Converting Colors

CIELCh(78, 55.607, 105.631)

Have a look what the booklet for
CIELCh(78, 55.607, 105.631)
contains.

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Color

CIELCh(78, 55.514, 105.481)

Conversions

Conversions Part 1

Format	Color
Hex	C5C659
RGB	197, 198, 89
RGB Percent	77%, 78%, 35%
CMY	0.2259, 0.2220, 0.6496
CMYK	0.00, 0.00, 0.55, 0.22
HSL	61°, 49%, 56%
HSV	61°, 55%, 78%
XYZ	45.2279, 53.2120, 17.4176
YIQ	185.2750, 34.3930, -34.1110

Conversions

Conversions Part 2

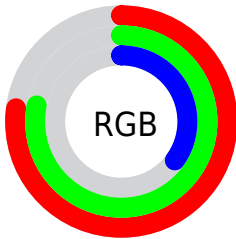
Format	Color
R_{YB}	89, 198, 90
Decimal	12961369
CIE _{Lab}	78.00, -14.82, 53.50
CIE _{LCh}	78, 55.514, 105.481
Yxy	53.2120, 0.3904, 0.4593
Android (android.graphics.Color)	4291151449 (0xFFC5C659)
YUV	185.2750, -47.4636, 10.2828
Hunter-Lab	72.9466, -16.9839, 36.9058

Details

The CIELCh color **78, 55.514, 105.481** 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, 64.968, 298.672**, 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, 55.492, 105.147** is the 20% darker color. If you saturate the color by 10%, you get **78, 63.920, 104.738**, and if you desaturate by 10%, it is **78, 46.213, 106.326**.

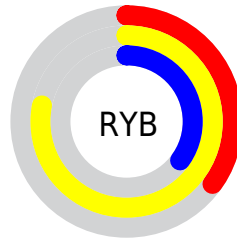
Distribution



Red (77%)

Green (78%)

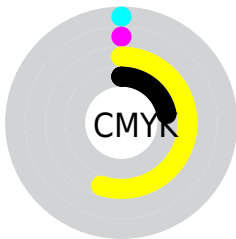
Blue (35%)



Red (35%)

Yellow (78%)

Blue (35%)

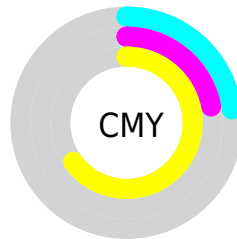


Cyan (0%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 55.514, 105.481 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, 55.514, 105.481 by changing the saturation by 10% instead.


 78, 55.514,
105.481


 78, 55.514,
105.481


 100, 55.514,
105.481


 68, 55.514,
105.481


 98, 55.514,
105.481

 58, 55.514,
105.481

 48, 55.514,
105.481

 38, 55.514,
105.481

 28, 55.514,
105.481

 18, 55.514,
105.481

 8, 55.514, 105.481

0, 55.514, 105.481

78, 55.514,
105.481

78, 55.514,
105.481

78, 63.920,
104.738

78, 46.213,
106.326

78, 70.981,
104.131

79, 36.344,
107.231

78, 76.204,
103.703

79, 26.133,
108.170

78, 79.241,
103.481

79, 15.726,
109.120

78, 80.227,
103.419

80, 5.216, 110.060

80, 5.335, 291.015

81, 15.887,

291.913

■ 82, 26.412,
292.783

■ 82, 30.079,
293.151

Harmonies

Complementary

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



78, 55.514, 105.481



43, 64.968, 298.672

Rectangle

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



78, 55.514, 105.481



78, 55.514, 155.481



78, 55.514, 285.481



78, 55.514, 335.481

Sweetspot

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



78, 55.515, 105.484



99, 20.620, 108.998



52, 48.494, 26.182



53, 13.912, 108.799



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, 55.515, 105.484



97, 79.100, 104.602



74, 60.157, 126.588



42, 5.983, 109.647



65, 69.407, 103.411



13, 20.291, 106.524

Inverse Universe

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



43, 64.968, 298.672



47, 97.415, 301.252



49, 65.290, 311.844



38, 6.115, 291.487



19, 95.779, 306.318



1, 21.513, 291.986

Previews

White Background



This preview shows how the CIELCh color 78, 55.514, 105.481 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 CIELCh color 78, 55.514, 105.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

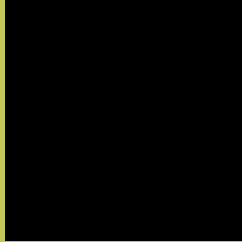
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 55.514, 105.481

Background



This preview shows how black text looks on a background with the CIELCh color 78, 55.514, 105.481.



This preview shows how white text looks on a background with the CIELCh color 78, 55.514, 105.481.

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, 55.514, 105.481

Protanopia

78, 54.704, 95.527

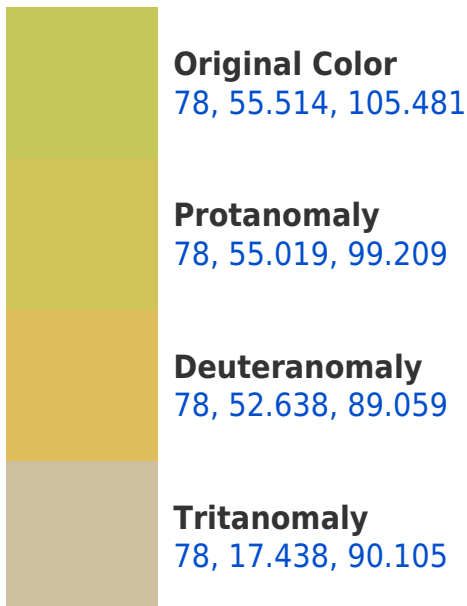
Deuteranopia

78, 53.541, 78.869



Tritanopia
78, 11.060, 337.713

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 55.514, 105.481 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(197, 198, 89)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 198, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 55.514, 105.481 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(197, 198, 89) }
```

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

```
.border{ border-color:rgb(197, 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(197, 198, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 89);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 55.514, 105.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 89) }
```

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

```
.background{ background-color: rgb(197,  
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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