

Converting Colors

CIELCh(78, 56.317, 105.870)

Have a look what the booklet for
CIELCh(78, 56.317, 105.870)
contains.

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Color

CIELCh(78, 56.391, 105.847)

Conversions

Conversions Part 1

Format	Color
Hex	C5C758
RGB	197, 199, 88
RGB Percent	77%, 78%, 35%
CMY	0.2288, 0.2209, 0.6562
CMYK	0.01, 0.00, 0.56, 0.22
HSL	61°, 50%, 56%
HSV	61°, 56%, 78%
XYZ	45.0263, 53.2120, 17.0601
YIQ	185.7480, 34.4390, -34.9450

Conversions

Conversions Part 2

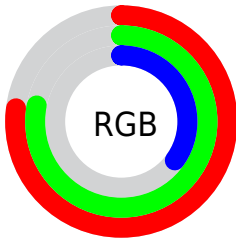
Format	Color
R_{YB}	88, 199, 90
Decimal	12961624
CIE Lab	78.00, -15.40, 54.25
CIE LCh	78, 56.391, 105.847
Yxy	53.2120, 0.3905, 0.4615
Android (android.graphics.Color)	4291151704 (0xFFC5C758)
YUV	185.7480, -48.1898, 9.8680
Hunter-Lab	72.9466, -17.4773, 37.1964

Details

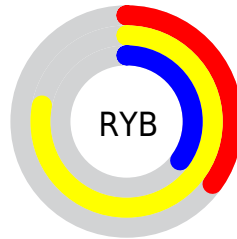
The CIELCh color **78, 56.391, 105.847** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **43, 66.219, 299.065**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 56.312, 105.868**, and **58, 56.230, 105.548** is the 20% darker color. If you saturate the color by 10%, you get **78, 64.704, 105.132**, and if you desaturate by 10%, it is **78, 47.145, 106.670**.

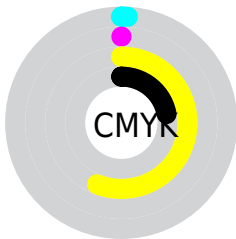
Distribution



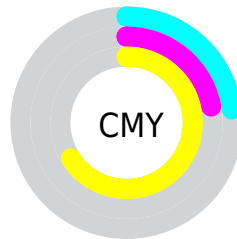
- Red (77%)
- Green (78%)
- Blue (35%)



- Red (35%)
- Yellow (78%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 56.391, 105.847 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, 56.391, 105.847 by changing the saturation by 10% instead.

 78, 56.391,
105.847

 78, 56.391,
105.847


 100, 56.391,
105.847


 68, 56.391,
105.847


 98, 56.391,
105.847

 58, 56.391,
105.847

 48, 56.391,
105.847

 38, 56.391,
105.847

 28, 56.391,
105.847

 18, 56.391,
105.847

 8, 56.391, 105.847

0, 56.391, 105.847

78, 56.391,
105.847

78, 56.391,
105.847

78, 64.704,
105.132

78, 47.145,
106.670

78, 71.628,
104.562

79, 37.306,
107.556

78, 76.670,
104.183

79, 27.108,
108.479

77, 79.519,
104.018

79, 16.701,
109.415

77, 80.330,
103.986

80, 6.184, 110.344

80, 4.379, 291.286

81, 14.946,

292.170

■ 82, 25.487,
293.029

■ 82, 29.927,
293.510

Harmonies

Complementary

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



78, 56.391, 105.847



43, 66.219, 299.065

Rectangle

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



78, 56.391, 105.847



78, 56.391, 155.847



78, 56.391, 285.847



78, 56.391, 335.847

Sweetspot

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



78, 56.392, 105.849



99, 21.905, 109.285



52, 48.866, 27.352



53, 14.640, 109.094



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, 56.392, 105.849



97, 80.022, 104.997



74, 61.412, 127.143



42, 5.983, 110.020



65, 69.422, 103.970



13, 20.295, 107.071

Inverse Universe

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



43, 66.219, 299.065



46, 98.941, 301.613



48, 66.499, 312.387



38, 6.116, 291.831



19, 95.730, 306.350



1, 21.516, 292.227

Previews

White Background



This preview shows how the CIELCh color 78, 56.391, 105.847 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, 56.391, 105.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

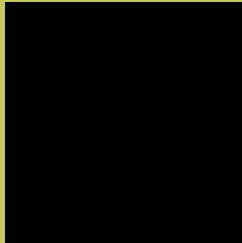
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 56.391, 105.847

Background



This preview shows how black text looks on a background with the CIELCh color 78, 56.391, 105.847.



This preview shows how white text looks on a background with the CIELCh color 78, 56.391, 105.847.

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, 56.391, 105.847

Protanopia
78, 55.600, 95.584

Deuteranopia
78, 53.980, 79.034



Tritanopia
78, 10.793, 336.345

Trichromacy



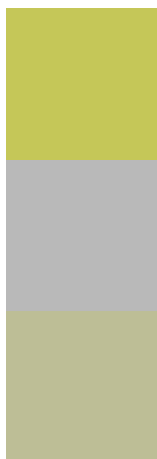
Original Color
78, 56.391, 105.847

Protanomaly
78, 55.468, 99.210

Deuteranomaly
78, 53.544, 89.228

Tritanomaly
78, 17.313, 91.356

Monochromacy



Original Color
78, 56.391, 105.847

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 21.333, 109.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 56.391, 105.847 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, 199, 88)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 88)  
}
```

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, 199, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 56.391, 105.847 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, 199, 88) }
```

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

```
.border{ border-color:rgb(197, 199, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 88);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 56.391, 105.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 88) }
```

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

```
.background{ background-color: rgb(197,  
199, 88) }
```

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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