

Converting Colors

CIELCh(78, 65.128, 104.413)

Have a look what the booklet for
CIELCh(78, 65.128, 104.413)
contains.

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Color

CIELCh(78, 65.144, 104.568)

Conversions

Conversions Part 1

Format	Color
Hex	C6C743
RGB	198, 199, 67
RGB Percent	78%, 78%, 26%
CMY	0.2238, 0.2199, 0.7375
CMYK	0.01, 0.00, 0.66, 0.22
HSL	60°, 54%, 52%
HSV	60°, 66%, 78%
XYZ	44.6851, 53.2120, 13.2139
YIQ	183.6530, 41.7760, -41.2640

Conversions

Conversions Part 2

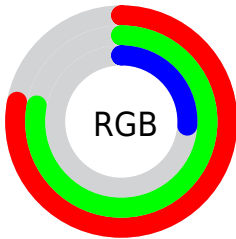
Format	Color
RYB	67, 199, 68
Decimal	13027139
CIELab	78.00, -16.39, 63.05
CIELCh	78, 65.144, 104.568
Yxy	53.2120, 0.4022, 0.4789
Android (android.graphics.Color)	4291217219 (0xFFC6C743)
YUV	183.6530, -57.5099, 12.5823
Hunter-Lab	72.9466, -18.3121, 40.3225

Details

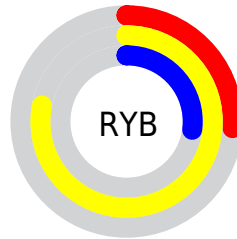
The CIELCh color **78, 65.144, 104.568** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **37, 80.016, 301.095**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 64.866, 105.214**, and **58, 63.678, 104.527** is the 20% darker color. If you saturate the color by 10%, you get **78, 71.990, 103.982**, and if you desaturate by 10%, it is **78, 56.882, 105.302**.

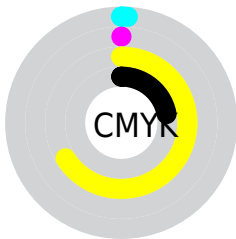
Distribution



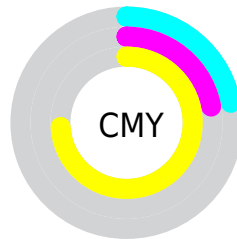
- Red (78%)
- Green (78%)
- Blue (26%)



- Red (26%)
- Yellow (78%)
- Blue (27%)



- Cyan (1%)
- Magenta (0%)
- Yellow (66%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 65.144, 104.568 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, 65.144, 104.568 by changing the saturation by 10% instead.


 78, 65.144,
104.568


 78, 65.144,
104.568


 100, 65.144,
104.568


 68, 65.144,
104.568


 98, 65.144,
104.568

 58, 65.144,
104.568

 48, 65.144,
104.568

 38, 65.144,
104.568

 28, 65.144,
104.568

 18, 65.144,
104.568

 8, 65.144, 104.568

0, 65.144, 104.568

78, 65.144,
104.568

78, 65.144,
104.568

78, 71.990,
103.982

78, 56.882,
105.302

78, 76.928,
103.578

78, 47.663,
106.136

78, 79.677,
103.376

79, 37.836,
107.036

78, 80.390,
103.329

79, 27.640,
107.974

79, 17.231,
108.926

80, 6.708, 109.872

■ 80, 3.864, 290.834

■ 81, 14.441,
291.735

■ 82, 24.994,
292.613

Harmonies

Complementary

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



78, 65.144, 104.568



37, 80.016, 301.095

Rectangle

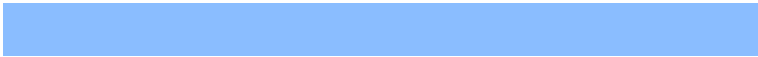
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 65.144, 104.568



78, 65.144, 154.568



78, 65.144, 284.568



78, 65.144, 334.568

Sweetspot

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



78, 65.144, 104.570



99, 25.737, 108.551



48, 60.014, 29.244



53, 17.536, 108.279



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, 65.144, 104.570



97, 89.980, 103.763



74, 71.006, 126.325



42, 5.982, 109.588



65, 69.405, 103.322



13, 20.291, 106.437

Inverse Universe

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



37, 80.016, 301.095



38, 117.879, 304.106



43, 78.497, 312.322



38, 6.115, 291.433



19, 95.787, 306.313



1, 21.512, 291.948

Previews

White Background



This preview shows how the CIELCh color 78, 65.144, 104.568 looks on a white background.

Color Contrast Check

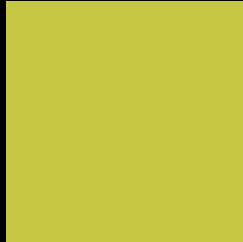
Large Text (above 18pt) WCAG AA × Fail

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, 65.144, 104.568 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, 65.144, 104.568

Background



This preview shows how black text looks on a background with the CIELCh color 78, 65.144, 104.568.



This preview shows how white text looks on a background with the CIELCh color 78, 65.144, 104.568.

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





Tritanopia
78, 11.968, 338.301

Trichromacy



Original Color
78, 65.144, 104.568

Protanomaly
78, 64.314, 98.741

Deuteranomaly
78, 62.362, 89.687

Tritanomaly
78, 21.637, 92.075

Monochromacy



Original Color
78, 65.144, 104.568

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 25.562, 107.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 65.144, 104.568 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, 199, 67)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 67)  
}
```

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, 199, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 65.144, 104.568 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, 199, 67) }
```

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

```
.border{ border-color:rgb(198, 199, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 67);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 65.144, 104.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 67) }
```

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

```
.background{ background-color: rgb(198,  
199, 67) }
```

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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