

Converting Colors

CIELCh(78, 66.444, 85.883)

Have a look what the booklet for
CIELCh(78, 66.444, 85.883) contains.

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Color

CIELCh(78, 66.654, 85.881)

Conversions

Conversions Part 1

Format	Color
Hex	EABB3D
RGB	234, 187, 61
RGB Percent	92%, 73%, 24%
CMY	0.0835, 0.2676, 0.7618
CMYK	0.00, 0.20, 0.74, 0.08
HSL	44°, 80%, 58%
HSV	44°, 74%, 92%
XYZ	52.3906, 53.2120, 11.8869
YIQ	186.6890, 68.4580, -29.2220

Conversions

Conversions Part 2

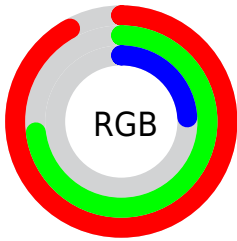
Format	Color
RYB	126, 234, 61
Decimal	15383357
CIELab	78.00, 4.79, 66.48
CIELCh	78, 66.654, 85.881
Yxy	53.2120, 0.4459, 0.4529
Android (android.graphics.Color)	4293573437 (0xFFEABB3D)
YUV	186.6890, -61.9647, 41.4917
Hunter-Lab	72.9466, 0.5431, 41.4011

Details

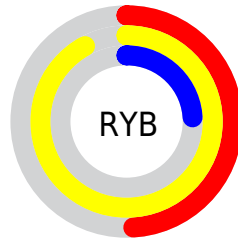
The CIELCh color **78, 66.654, 85.881** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **49, 73.553, 291.689**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 62.747, 100.696**, and **58, 63.403, 85.323** is the 20% darker color. If you saturate the color by 10%, you get **76, 72.914, 84.243**, and if you desaturate by 10%, it is **80, 58.772, 87.378**.

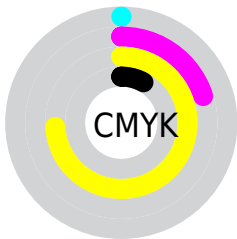
Distribution



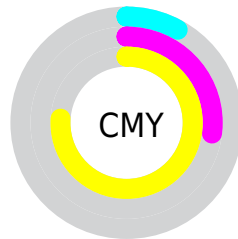
- Red (92%)
- Green (73%)
- Blue (24%)



- Red (49%)
- Yellow (92%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (74%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 66.654, 85.881 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, 66.654, 85.881 by changing the saturation by 10% instead.

 78, 66.654, 85.881

 78, 66.654, 85.881

 100, 66.654,
85.881

 68, 66.654, 85.881

 98, 66.654, 85.881

 58, 66.654, 85.881

 48, 66.654, 85.881

 38, 66.654, 85.881

 28, 66.654, 85.881

 18, 66.654, 85.881

 8, 66.654, 85.881

 0, 66.654, 85.881

 78, 66.654, 85.881

 78, 66.654, 85.881

76, 72.914, 84.243

80, 58.772, 87.378

75, 76.721, 82.337

82, 49.990, 88.793

74, 77.933, 81.062

84, 40.781, 90.161

85, 31.420, 91.493

88, 22.062, 92.790

90, 12.784, 94.045

92, 3.627, 95.221

94, 5.396, 276.499

96, 6.627, 259.074

Harmonies

Complementary

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



78, 66.654, 85.881



49, 73.553, 291.689

Rectangle

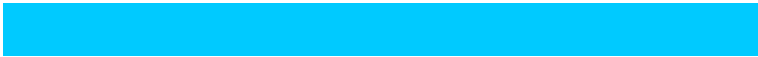
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 66.654, 85.881



78, 66.654, 135.881



78, 66.654, 265.881



78, 66.654, 315.881

Sweetspot

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



78, 66.654, 85.884



95, 21.666, 93.033



54, 69.268, 10.865



50, 14.583, 92.685



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, 66.654, 85.884



82, 80.457, 83.254



87, 81.809, 114.598



48, 5.180, 94.596



58, 64.441, 81.476



17, 24.309, 84.357

Inverse Universe

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



49, 73.553, 291.689



45, 96.788, 296.845



41, 100.618, 306.066



46, 5.210, 276.983



28, 82.772, 299.644



5, 28.845, 291.501

Previews

White Background



This preview shows how the CIELCh color 78, 66.654, 85.881 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, 66.654, 85.881 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, 66.654, 85.881

Background



This preview shows how black text looks on a background with the CIELCh color 78, 66.654, 85.881.



This preview shows how white text looks on a background with the CIELCh color 78, 66.654, 85.881.

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, 66.654, 85.881

Protanopia

78, 65.262, 95.205

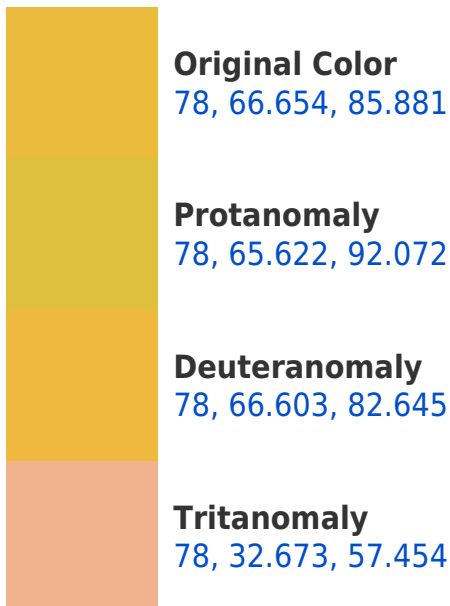
Deuteranopia

78, 67.025, 81.142



Tritanopia
78, 26.845, 7.002

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 66.654, 85.881 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(234, 187, 61)` looks like.

```
.text, #text, p{  
    color:rgb(234, 187, 61)  
}
```

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(234, 187, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 187, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 66.654, 85.881 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(234, 187, 61) }
```

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

```
.border{ border-color:rgb(234, 187, 61) }
```

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

Here you see how a box with a 4 pixel rgb(234, 187, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 187, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 187, 61);  
box-shadow:4px 4px 4px 4px rgb(234, 187,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 66.654, 85.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 187, 61) }
```

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

```
.background{ background-color: rgb(234,  
187, 61) }
```

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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