

Converting Colors

CIELCh(88, 64.014, 100.499)

Have a look what the booklet for
CIELCh(88, 64.014, 100.499)
contains.

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Color

CIELCh(88, 64.008, 100.266)

Conversions

Conversions Part 1

Format	Color
Hex	ECE05F
RGB	236, 224, 95
RGB Percent	93%, 88%, 37%
CMY	0.0740, 0.1210, 0.6269
CMYK	0.00, 0.05, 0.60, 0.07
HSL	55°, 79%, 65%
HSV	55°, 60%, 93%
XYZ	63.3987, 72.0653, 21.4246
YIQ	212.8820, 48.5610, -37.5750

Conversions

Conversions Part 2

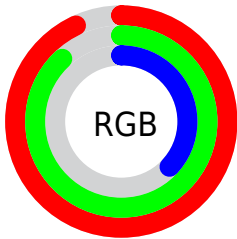
Format	Color
RYB	108, 236, 95
Decimal	15523935
CIELab	88.00, -11.41, 62.98
CIELCh	88, 64.008, 100.266
Yxy	72.0653, 0.4041, 0.4593
Android (android.graphics.Color)	4293714015 (0xFFECE05F)
YUV	212.8820, -58.1158, 20.2745
Hunter-Lab	84.8913, -15.2519, 44.4605

Details

The CIELCh color **88, 64.008, 100.266** 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 **51, 74.633, 296.569**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.112, 106.190**, and **68, 64.034, 100.326** is the 20% darker color. If you saturate the color by 10%, you get **87, 72.623, 99.326**, and if you desaturate by 10%, it is **89, 54.252, 101.274**.

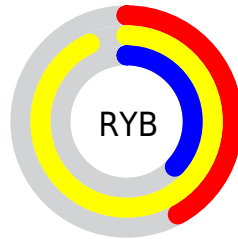
Distribution



Red (93%)

Green (88%)

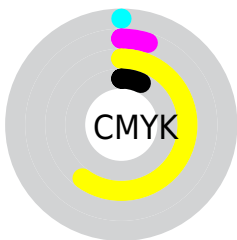
Blue (37%)



Red (42%)

Yellow (93%)

Blue (37%)

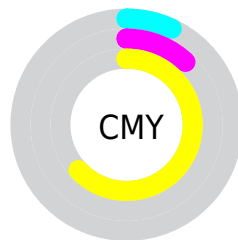


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 64.008, 100.266 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 88, 64.008, 100.266 by changing the saturation by 10% instead.

 88, 64.008,
100.266

 88, 64.008,
100.266

 100, 64.008,
100.266

 78, 64.008,
100.266

 68, 64.008,
100.266

 58, 64.008,
100.266

 48, 64.008,
100.266

 38, 64.008,
100.266

 28, 64.008,
100.266

 18, 64.008,

100.266

■ 8, 64.008, 100.266

■ 0, 64.008, 100.266

■ 88, 64.008,
100.266

■ 88, 64.008,
100.266

■ 87, 72.623, 99.326

■ 89, 54.252,
101.274

■ 87, 79.484, 98.468

■ 90, 43.806,
102.320

■ 86, 83.952, 97.705

■ 86, 85.934, 97.021

■ 90, 32.971,
103.384

■ 85, 85.978, 97.002

■ 91, 21.935,
104.450

■ 92, 10.812,

105.501

■ 93, 0.328, 286.888

■ 94, 8.664, 286.171

■ 95, 7.706, 280.335

■ 95, 6.849, 272.968

Harmonies

Complementary

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



88, 64.008, 100.266



51, 74.633, 296.569

Rectangle

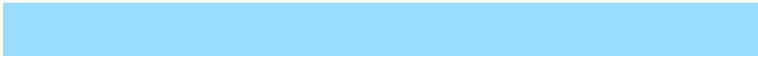
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 64.008, 100.266



88, 64.008, 150.266



88, 64.008, 280.266



88, 64.008, 330.266

Sweetspot

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



88, 64.009, 100.269



98, 21.320, 104.624



59, 59.214, 20.375



52, 14.808, 104.314



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 64.009, 100.269



93, 79.059, 99.095



87, 72.566, 122.703



49, 6.289, 105.527



67, 70.533, 97.108



20, 28.417, 98.585

Inverse Universe

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



51, 74.633, 296.569



46, 97.654, 299.737



53, 81.501, 309.241



45, 6.406, 287.568



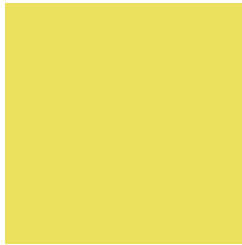
23, 99.449, 305.187



3, 33.623, 296.140

Previews

White Background



This preview shows how the CIELCh color 88, 64.008, 100.266 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 88, 64.008, 100.266 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 88, 64.008, 100.266

Background



This preview shows how black text looks on a background with the CIELCh color 88, 64.008, 100.266.



This preview shows how white text looks on a background with the CIELCh color 88, 64.008, 100.266.

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
88, 64.008, 100.266

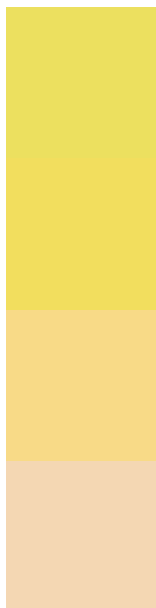
Protanopia
88, 63.920, 95.643

Deuteranopia
88, 33.717, 78.232



Tritanopia
88, 16.374, 347.958

Trichromacy



Original Color
88, 64.008, 100.266

Protanomaly
88, 64.037, 97.193

Deuteranomaly
88, 44.521, 90.377

Tritanomaly
88, 21.992, 77.544

Monochromacy



Original Color
88, 64.008, 100.266

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 24.477, 104.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 64.008, 100.266 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(236, 224, 95)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 95)  
}
```

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(236, 224, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 64.008, 100.266 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(236, 224, 95) }
```

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

```
.border{ border-color:rgb(236, 224, 95) }
```

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

Here you see how a box with a 4 pixel rgb(236, 224, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 95);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 64.008, 100.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 95) }
```

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

```
.background{ background-color: rgb(236,  
224, 95) }
```

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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