

Converting Colors

CIELCh(89, 67.058, 103.545)

Have a look what the booklet for
CIELCh(89, 67.058, 103.545)
contains.

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Color

CIELCh(89, 67.058, 103.545)

Conversions

Conversions Part 1

Format	Color
Hex	E8E55C
RGB	232, 229, 92
RGB Percent	91%, 90%, 36%
CMY	0.0891, 0.1009, 0.6382
CMYK	0.00, 0.01, 0.60, 0.09
HSL	59°, 75%, 64%
HSV	59°, 60%, 91%
XYZ	63.4040, 74.1641, 21.1575
YIQ	214.2790, 45.7650, -41.9710

Conversions

Conversions Part 2

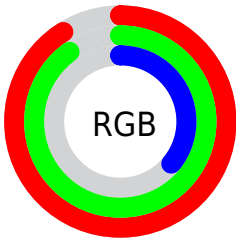
Format	Color
R _{YB}	95, 232, 92
Decimal	15263068
CIE Lab	89.00, -15.71, 65.19
CIE LCh	89, 67.058, 103.545
Yxy	74.1641, 0.3995, 0.4672
Android (android.graphics.Color)	4293453148 (0xFFE8E55C)
YUV	214.2790, -60.2835, 15.5413
Hunter-Lab	86.1186, -19.2886, 45.7167

Details

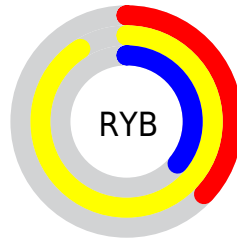
The CIELCh color **89, 67.058, 103.545** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **47, 79.987, 299.035**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 53.521, 106.082**, and **69, 67.145, 103.770** is the 20% darker color. If you saturate the color by 10%, you get **89, 75.689, 102.793**, and if you desaturate by 10%, it is **89, 57.149, 104.408**.

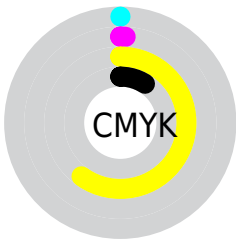
Distribution



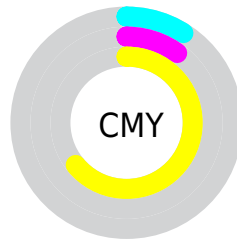
- Red (91%)
- Green (90%)
- Blue (36%)



- Red (37%)
- Yellow (91%)
- Blue (36%)



- Cyan (0%)
- Magenta (1%)
- Yellow (60%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 67.058, 103.545 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 89, 67.058, 103.545 by changing the saturation by 10% instead.

 89, 67.058,
103.545

 89, 67.058,
103.545

 100, 67.058,
103.545

 79, 67.058,
103.545

 69, 67.058,
103.545

 59, 67.058,
103.545

 49, 67.058,
103.545

 39, 67.058,
103.545

 29, 67.058,
103.545

 19, 67.058,

103.545

■ 9, 67.058, 103.545

■ 0, 67.058, 103.545

■ 89, 67.058,
103.545

■ 89, 67.058,
103.545

■ 89, 75.689,
102.793

■ 89, 57.149,
104.408

■ 88, 82.458,
102.183

■ 90, 46.422,
105.340

■ 88, 86.831,
101.744


■ 90, 35.201,
106.314


■ 88, 88.857,
101.469


■ 91, 23.695,
107.307


■ 91, 12.039,

108.298

 92, 0.318, 109.031

 93, 11.416,
290.252

 93, 11.231,
289.356

 93, 10.973,
288.406

Harmonies

Complementary

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



89, 67.058, 103.545



47, 79.987, 299.035

Rectangle

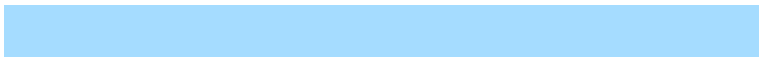
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 67.058, 103.545



89, 67.058, 153.545



89, 67.058, 283.545



89, 67.058, 333.545

Sweetspot

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



89, 67.059, 103.547



99, 22.702, 107.524



58, 60.389, 25.358



53, 15.759, 107.233



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 67.059, 103.547



96, 82.929, 102.653



85, 73.473, 125.220



49, 6.708, 108.378



70, 73.755, 101.491



21, 30.078, 102.317

Inverse Universe

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



47, 79.987, 299.035



44, 104.506, 301.814



53, 81.220, 311.151



45, 6.852, 290.315



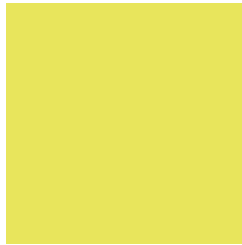
22, 102.480, 306.022



3, 35.199, 297.363

Previews

White Background



This preview shows how the CIELCh color 89, 67.058, 103.545 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 89, 67.058, 103.545 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 89, 67.058, 103.545

Background



This preview shows how black text looks on a background with the CIELCh color 89, 67.058, 103.545.

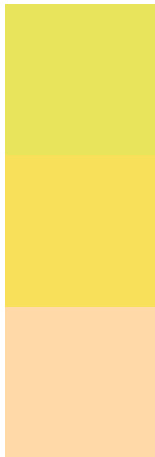


This preview shows how white text looks on a background with the CIELCh color 89, 67.058, 103.545.

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
89, 67.058, 103.545

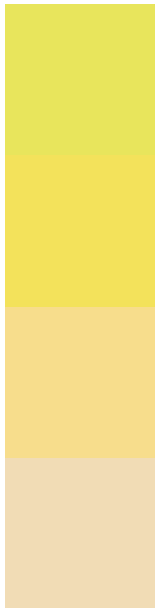
Protanopia
89, 66.450, 95.471

Deuteranopia
89, 30.237, 77.854



Tritanopia
89, 14.245, 342.129

Trichromacy



Original Color
89, 67.058, 103.545

Protanomaly
89, 66.716, 98.444

Deuteranomaly
89, 42.982, 92.303

Tritanomaly
89, 21.850, 86.540

Monochromacy



Original Color
89, 67.058, 103.545

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 25.914, 107.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 67.058, 103.545 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(232, 229, 92)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 92)  
}
```

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(232, 229, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 67.058, 103.545 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(232, 229, 92) }
```

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

```
.border{ border-color:rgb(232, 229, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 92);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 67.058, 103.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 92) }
```

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

```
.background{ background-color: rgb(232,  
229, 92) }
```

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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