

Converting Colors

CIELCh(86, 79.208, 111.366)

Have a look what the booklet for
CIELCh(86, 79.208, 111.366)
contains.

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Color

CIELCh(86, 79.089, 111.299)

Conversions

Conversions Part 1

Format	Color
Hex	CAE33B
RGB	202, 227, 59
RGB Percent	79%, 89%, 23%
CMY	0.2068, 0.1088, 0.7675
CMYK	0.11, 0.00, 0.74, 0.11
HSL	69°, 75%, 56%
HSV	69°, 74%, 89%
XYZ	52.7623, 67.9871, 14.5179
YIQ	200.3730, 39.0280, -57.5480

Conversions

Conversions Part 2

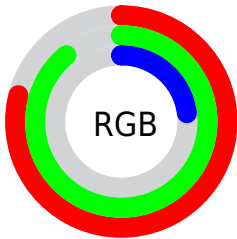
Format	Color
RYB	59, 227, 84
Decimal	13296443
CIELab	86.00, -28.73, 73.69
CIELCh	86, 79.089, 111.299
Yxy	67.9871, 0.3901, 0.5026
Android (android.graphics.Color)	4291486523 (0xFFCAE33B)
YUV	200.3730, -69.6969, 1.4269
Hunter-Lab	82.4543, -30.0734, 47.2787

Details

The CIELCh color **86, 79.089, 111.299** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **39, 98.768, 304.843**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 66.602, 105.082**, and **66, 73.420, 112.577** is the 20% darker color. If you saturate the color by 10%, you get **86, 85.208, 111.276**, and if you desaturate by 10%, it is **86, 70.961, 111.609**.

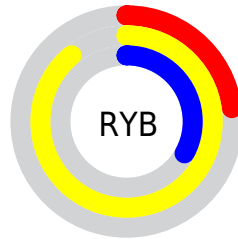
Distribution



Red (79%)

Green (89%)

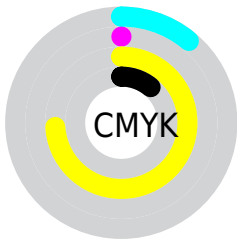
Blue (23%)



Red (23%)

Yellow (89%)

Blue (33%)

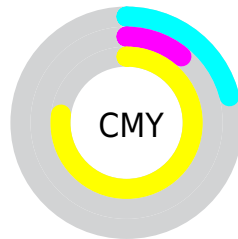


Cyan (11%)

Magenta (0%)

Yellow (74%)

Black (11%)



Cyan (21%)

Magenta (11%)

Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 79.089, 111.299 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 86, 79.089, 111.299 by changing the saturation by 10% instead.

 86, 79.089,
111.299

 86, 79.089,
111.299


 100, 79.089,
111.299


 76, 79.089,
111.299

 66, 79.089,
111.299

 56, 79.089,
111.299

 46, 79.089,
111.299

 36, 79.089,
111.299

 26, 79.089,
111.299

 16, 79.089,

111.299

■ 6, 79.089, 111.299

■ 0, 79.089, 111.299

■ 86, 79.089,
111.299

■ 86, 79.089,
111.299

■ 86, 85.208,
111.276

■ 86, 70.961,
111.609

■ 85, 88.906,
111.601

■ 87, 61.382,
112.117


■ 85, 90.205,
111.939

■ 87, 50.839,
112.754

■ 88, 39.690,
113.466


■ 89, 28.176,

114.215

 89, 16.453,
114.973

 90, 4.627, 115.722

 91, 7.232, 296.454

 91, 14.541,
298.641

Harmonies

Complementary

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



86, 79.089, 111.299



39, 98.768, 304.843

Rectangle

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



86, 79.089, 111.299



86, 79.089, 161.299



86, 79.089, 291.299



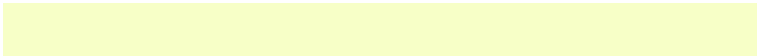
86, 79.089, 341.299

Sweetspot

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



86, 79.089, 111.301



98, 28.486, 114.349



55, 70.131, 37.902



52, 19.114, 114.143



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 79.089, 111.301



95, 95.577, 111.414



82, 89.249, 130.520



48, 6.776, 115.309



69, 75.267, 111.804



20, 29.590, 111.831

Inverse Universe

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



39, 98.768, 304.843



36, 126.097, 306.446



48, 95.280, 316.264



44, 6.923, 296.758



22, 101.406, 306.894



3, 33.981, 300.323

Previews

White Background



This preview shows how the CIELCh color 86, 79.089, 111.299 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 86, 79.089, 111.299 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 86, 79.089, 111.299

Background



This preview shows how black text looks on a background with the CIELCh color 86, 79.089, 111.299.



This preview shows how white text looks on a background with the CIELCh color 86, 79.089, 111.299.

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

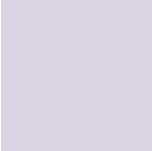
86, 79.089, 111.299

Protanopia

86, 75.955, 95.153

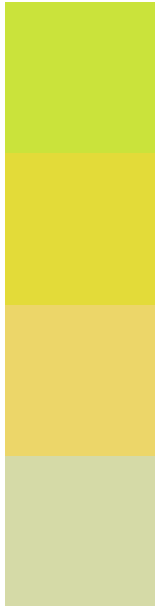
Deuteranopia

86, 44.655, 79.984



Tritanopia
86, 9.304, 306.284

Trichromacy



Original Color
86, 79.089, 111.299

Protanomaly
86, 76.183, 101.096

Deuteranomaly
85, 56.030, 95.806

Tritanomaly
86, 26.555, 112.114

Monochromacy



Original Color
86, 79.089, 111.299

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 32.535, 114.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 79.089, 111.299 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(202, 227, 59)` looks like.

```
.text, #text, p{  
    color:rgb(202, 227, 59)  
}
```

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(202, 227, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 227, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 79.089, 111.299 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(202, 227, 59) }
```

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

```
.border{ border-color:rgb(202, 227, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 227, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 227, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 227, 59);  
box-shadow:4px 4px 4px 4px rgb(202, 227,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 79.089, 111.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 227, 59) }
```

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

```
.background{ background-color: rgb(202,  
227, 59) }
```

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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