

Converting Colors

CIELCh(85, 69.920, 95.475)

Have a look what the booklet for
CIELCh(85, 69.920, 95.475) contains.

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Color

CIELCh(85, 69.959, 95.626)

Conversions

Conversions Part 1

Format	Color
Hex	EDD547
RGB	237, 213, 71
RGB Percent	93%, 84%, 28%
CMY	0.0708, 0.1649, 0.7218
CMYK	0.00, 0.10, 0.70, 0.07
HSL	51°, 82%, 60%
HSV	51°, 70%, 93%
XYZ	59.8191, 66.0070, 15.5388
YIQ	203.9880, 59.8860, -39.0740

Conversions

Conversions Part 2

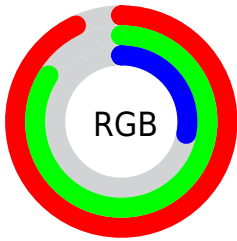
Format	Color
R _Y B	99, 237, 71
Decimal	15586631
CIE Lab	85.00, -6.86, 69.62
CIE LCh	85, 69.959, 95.626
Yxy	66.0070, 0.4232, 0.4669
Android (android.graphics.Color)	4293776711 (0xFFEDD547)
YUV	203.9880, -65.5631, 28.9515
Hunter-Lab	81.2447, -10.7518, 45.5315

Details

The CIELCh color **85, 69.959, 95.626** 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 **46, 83.145, 296.823**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 62.662, 105.382**, and **65, 68.619, 95.891** is the 20% darker color. If you saturate the color by 10%, you get **84, 76.745, 94.534**, and if you desaturate by 10%, it is **86, 61.508, 96.746**.

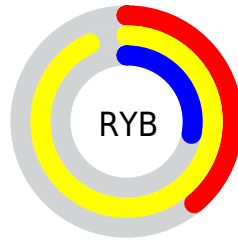
Distribution



Red (93%)

Green (84%)

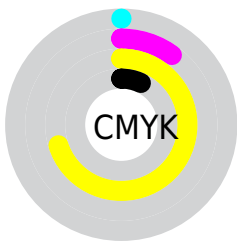
Blue (28%)



Red (39%)

Yellow (93%)

Blue (28%)

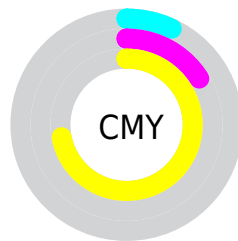


Cyan (0%)

Magenta (10%)

Yellow (70%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 69.959, 95.626 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 85, 69.959, 95.626 by changing the saturation by 10% instead.

 85, 69.959, 95.626

 85, 69.959, 95.626

 100, 69.959,
95.626

 75, 69.959, 95.626

 65, 69.959, 95.626

 55, 69.959, 95.626

 45, 69.959, 95.626

 35, 69.959, 95.626

 25, 69.959, 95.626

 15, 69.959, 95.626

 5, 69.959, 95.626

 0, 69.959, 95.626

85, 69.959, 95.626

85, 69.959, 95.626

84, 76.745, 94.534

86, 61.508, 96.746

83, 81.155, 93.447

87, 52.025, 97.885

82, 83.046, 92.342

88, 41.958, 99.036

90, 31.590,
100.186

91, 21.089,
101.324

92, 10.557,
102.435

94, 0.050, 100.636

95, 7.605, 281.943

96, 6.181, 268.370

Harmonies

Complementary

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



85, 69.959, 95.626



46, 83.145, 296.823

Rectangle

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



85, 69.959, 95.626



85, 69.959, 145.626



85, 69.959, 275.626



85, 69.959, 325.626

Sweetspot

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



85, 69.959, 95.629



97, 23.437, 101.208



55, 68.680, 20.001



51, 15.863, 100.894



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 69.959, 95.629



89, 83.473, 94.070



87, 81.849, 120.553



49, 5.914, 102.500



64, 67.984, 92.543



19, 26.958, 94.612

Inverse Universe

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



46, 83.145, 296.823



42, 107.352, 300.763



46, 95.661, 308.604



45, 6.004, 284.647



24, 95.358, 303.987



4, 32.167, 294.891

Previews

White Background



This preview shows how the CIELCh color 85, 69.959, 95.626 looks on a white background.

Color Contrast Check

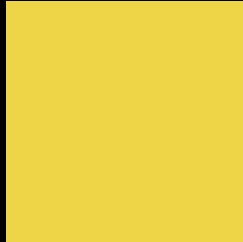
Large Text (above 18pt) WCAG AA × Fail

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 85, 69.959, 95.626 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 85, 69.959, 95.626

Background



This preview shows how black text looks on a background with the CIELCh color 85, 69.959, 95.626.



This preview shows how white text looks on a background with the CIELCh color 85, 69.959, 95.626.

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


85, 69.959, 95.626

Protanopia

85, 70.035, 95.276

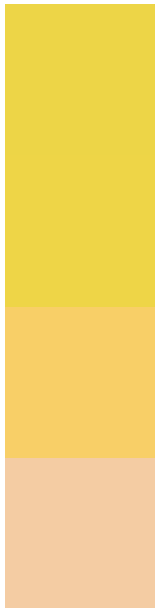
Deuteranopia

85, 48.603, 79.987



Tritanopia
85, 19.880, 356.143

Trichromacy



Original Color
85, 69.959, 95.626

Protanomaly
85, 70.035, 95.276

Deuteranomaly
85, 56.199, 87.272

Tritanomaly
85, 27.055, 71.890

Monochromacy



Original Color
85, 69.959, 95.626

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 26.947, 100.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 69.959, 95.626 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(237, 213, 71)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 71)  
}
```

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(237, 213, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 69.959, 95.626 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(237, 213, 71) }
```

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

```
.border{ border-color:rgb(237, 213, 71) }
```

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

Here you see how a box with a 4 pixel rgb(237, 213, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 71);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 69.959, 95.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 71) }
```

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

```
.background{ background-color: rgb(237,  
213, 71) }
```

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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