

Converting Colors

CIELCh(89, 34.876, 95.908)

Have a look what the booklet for
CIELCh(89, 34.876, 95.908) contains.

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Color

CIELCh(89, 35.151, 96.123)

Conversions

Conversions Part 1

Format	Color
Hex	F1E09D
RGB	241, 224, 157
RGB Percent	95%, 88%, 62%
CMY	0.0564, 0.1230, 0.3857
CMYK	0.00, 0.07, 0.35, 0.06
HSL	48°, 74%, 78%
HSV	48°, 35%, 94%
XYZ	68.7534, 74.1641, 42.4305
YIQ	221.4450, 31.6390, -17.2330

Conversions

Conversions Part 2

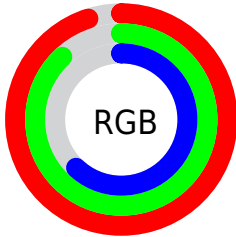
Format	Color
R_{YB}	178, 241, 157
Decimal	15851677
CIE _{Lab}	89.00, -3.75, 34.95
CIE _{LCh}	89, 35.151, 96.123
Yxy	74.1641, 0.3709, 0.4001
Android (android.graphics.Color)	4294041757 (0xFFFF1E09D)
YUV	221.4450, -31.7714, 17.1497
Hunter-Lab	86.1186, -8.2009, 31.0709

Details

The CIELCh color **89, 35.151, 96.123** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 36.665, 285.469**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **69, 35.123, 96.016** is the 20% darker color. If you saturate the color by 10%, you get **87, 45.136, 94.884**, and if you desaturate by 10%, it is **91, 25.050, 97.349**.

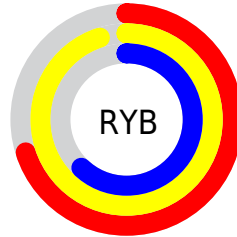
Distribution



Red (95%)

Green (88%)

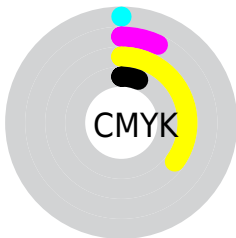
Blue (62%)



Red (70%)

Yellow (95%)

Blue (62%)

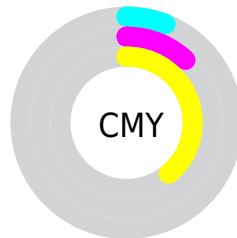


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 35.151, 96.123 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, 35.151, 96.123 by changing the saturation by 10% instead.

 89, 35.151, 96.123

 89, 35.151, 96.123

 100, 35.151,
96.123

 79, 35.151, 96.123

 69, 35.151, 96.123

 59, 35.151, 96.123

 49, 35.151, 96.123

 39, 35.151, 96.123

 29, 35.151, 96.123

 19, 35.151, 96.123

 9, 35.151, 96.123

 0, 35.151, 96.123

89, 35.151, 96.123

89, 35.151, 96.123

87, 45.136, 94.884

91, 25.050, 97.349

86, 54.803, 93.625

92, 14.939, 98.540

84, 63.817, 92.351

94, 4.883, 99.676

83, 71.643, 91.049

96, 5.087, 280.871

82, 77.538, 89.686

97, 4.366, 255.052

80, 80.769, 88.196

98, 4.332, 214.127

80, 81.574, 87.384

99, 4.955, 199.225

Harmonies

Complementary

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



89, 35.151, 96.123



72, 36.665, 285.469

Rectangle

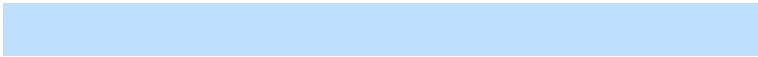
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 35.151, 96.123



89, 35.151, 146.123



89, 35.151, 276.123



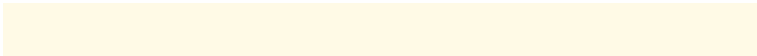
89, 35.151, 326.123

Sweetspot

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



89, 35.152, 96.127



98, 10.489, 99.104



73, 33.841, 6.133



52, 7.161, 98.942



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



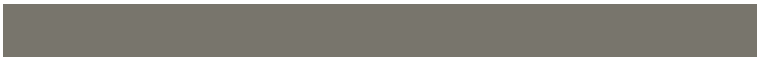
89, 35.152, 96.127



93, 44.302, 95.230



92, 43.522, 119.083



49, 5.666, 99.168



62, 66.703, 87.685



19, 26.902, 90.098

Inverse Universe

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



72, 36.665, 285.469



71, 46.801, 286.947



70, 46.858, 303.726



47, 5.731, 281.429



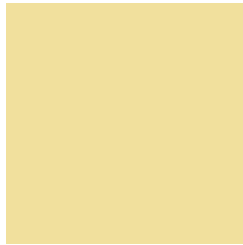
26, 91.188, 302.354



5, 32.523, 294.760

Previews

White Background



This preview shows how the CIELCh color 89, 35.151, 96.123 looks on a white background.

Color Contrast Check

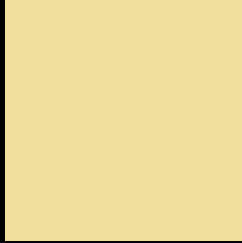
Large Text (above 18pt) WCAG AA × Fail

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, 35.151, 96.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

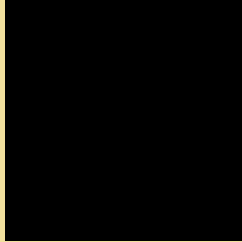
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 35.151, 96.123

Background



This preview shows how black text looks on a background with the CIELCh color 89, 35.151, 96.123.



This preview shows how white text looks on a background with the CIELCh color 89, 35.151, 96.123.

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, 35.151, 96.123

Protanopia

89, 34.769, 95.350

Deuteranopia

89, 24.904, 71.676



Tritanopia
89, 15.416, 345.627

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 35.151, 96.123 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(241, 224, 157)` looks like.

```
.text, #text, p{  
    color:rgb(241, 224, 157)  
}
```

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(241, 224, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 224, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 35.151, 96.123 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(241, 224, 157) }
```

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

```
.border{ border-color:rgb(241, 224, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 224, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 224, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 224, 157); box-shadow:4px 4px 4px 4px rgb(241, 224, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 35.151, 96.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 224, 157) }
```

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

```
.background{ background-color: rgb(241,  
224, 157) }
```

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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