

Converting Colors

CIELCh(90, 43.517, 106.122)

Have a look what the booklet for
CIELCh(90, 43.517, 106.122)
contains.

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Color

CIELCh(90, 43.694, 106.051)

Conversions

Conversions Part 1

Format	Color
Hex	E8E791
RGB	232, 231, 145
RGB Percent	91%, 91%, 57%
CMY	0.0905, 0.0943, 0.4316
CMYK	0.00, 0.00, 0.38, 0.09
HSL	59°, 65%, 74%
HSV	59°, 38%, 91%
XYZ	66.9219, 76.3034, 37.9649
YIQ	221.4950, 28.2020, -26.5340

Conversions

Conversions Part 2

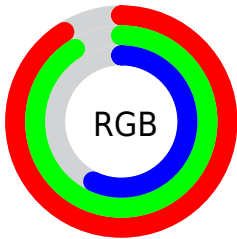
Format	Color
RYB	146, 232, 145
Decimal	15263633
CIELab	90.00, -12.08, 41.99
CIElCh	90, 43.694, 106.051
Yxy	76.3034, 0.3693, 0.4211
Android (android.graphics.Color)	4293453713 (0xFFE8E791)
YUV	221.4950, -37.7120, 9.2129
Hunter-Lab	87.3518, -16.1134, 35.3776

Details

The CIELCh color **90, 43.694, 106.051** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **64, 48.007, 294.724**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **70, 43.862, 106.306** is the 20% darker color. If you saturate the color by 10%, you get **90, 54.651, 105.124**, and if you desaturate by 10%, it is **90, 32.299, 107.023**.

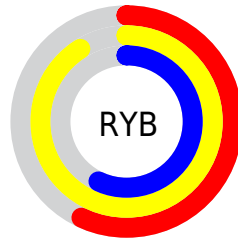
Distribution



Red (91%)

Green (91%)

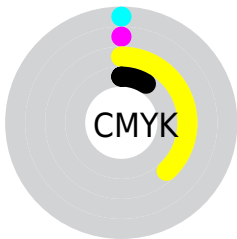
Blue (57%)



Red (57%)

Yellow (91%)

Blue (57%)

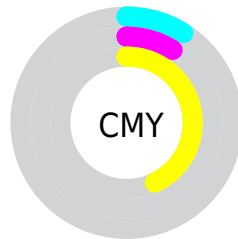


Cyan (0%)

Magenta (0%)

Yellow (38%)

Black (9%)



Cyan (9%)


Magenta (9%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 43.694, 106.051 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 90, 43.694, 106.051 by changing the saturation by 10% instead.


 90, 43.694,
106.051


 90, 43.694,
106.051


 100, 43.694,
106.051


 80, 43.694,
106.051

 70, 43.694,
106.051

 60, 43.694,
106.051

 50, 43.694,
106.051

 40, 43.694,
106.051

 30, 43.694,
106.051

 20, 43.694,

106.051

■ 10, 43.694,
106.051

■ 0, 43.694, 106.051

■ 90, 43.694,
106.051

■ 90, 43.694,
106.051

■ 90, 54.651,
105.124

■ 90, 32.299,
107.023

■ 89, 64.877,
104.260

■ 91, 20.651,
108.007

■ 89, 73.948,
103.499

■ 92, 8.872, 108.985

■ 89, 81.313,
102.879

■ 92, 2.963, 289.989

■ 93, 11.752,
290.559

■ 89, 86.406,
102.434

■ 93, 11.612,
290.096

■ 89, 88.988,
102.174

■ 93, 11.474,
289.622

■ 89, 89.429,
102.124

■ 93, 11.336,
289.136

■ 93, 11.199,
288.639

Harmonies

Complementary

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



90, 43.694, 106.051



64, 48.007, 294.724

Rectangle

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



90, 43.694, 106.051



90, 43.694, 156.051



90, 43.694, 286.051



90, 43.694, 336.051

Sweetspot

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



90, 43.696, 106.054



99, 14.034, 108.640



69, 35.575, 21.717



53, 9.427, 108.507



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 43.696, 106.054



98, 56.094, 105.331



87, 47.328, 126.702



48, 6.654, 108.797



70, 73.525, 102.136



20, 29.015, 103.055

Inverse Universe

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



64, 48.007, 294.724



63, 63.237, 296.168



67, 50.063, 310.409



44, 6.800, 290.715



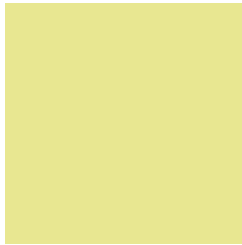
21, 101.856, 306.144



2, 33.409, 296.560

Previews

White Background



This preview shows how the CIE LCh color 90, 43.694, 106.051 looks on a white background.

Color Contrast Check

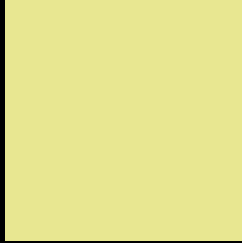
Large Text (above 18pt) WCAG AA × Fail

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 90, 43.694, 106.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

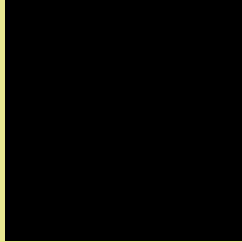
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 43.694, 106.051

Background



This preview shows how black text looks on a background with the CIELCh color 90, 43.694, 106.051.

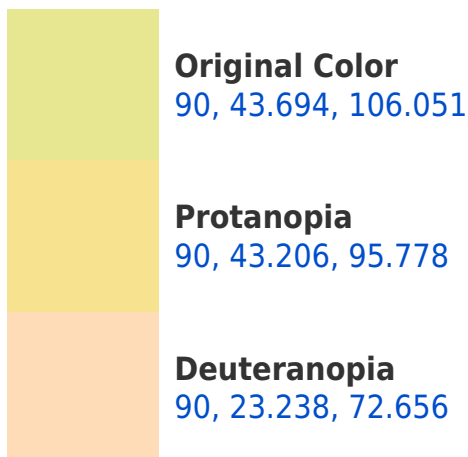


This preview shows how white text looks on a background with the CIELCh color 90, 43.694, 106.051.

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](#).

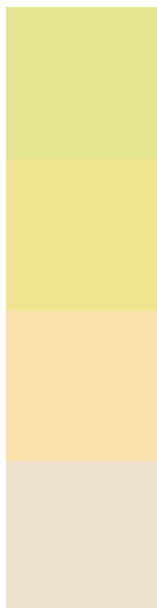
Dichromacy





Tritanopia
90, 12.084, 333.346

Trichromacy



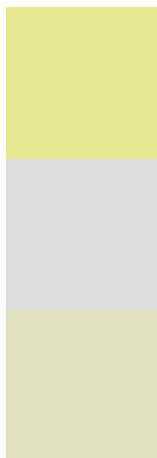
Original Color
90, 43.694, 106.051

Protanomaly
90, 43.149, 99.612

Deuteranomaly
90, 29.358, 89.815

Tritanomaly
90, 11.776, 80.831

Monochromacy



Original Color
90, 43.694, 106.051

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 16.568, 108.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 43.694, 106.051 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, 231, 145)` looks like.

```
.text, #text, p{  
    color:rgb(232, 231, 145)  
}
```

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, 231, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 43.694, 106.051 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, 231, 145) }
```

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

```
.border{ border-color:rgb(232, 231, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 231, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 145);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 43.694, 106.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 145) }
```

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

```
.background{ background-color: rgb(232,  
231, 145) }
```

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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