

Converting Colors

CIELCh(89, 31.075, 101.050)

Have a look what the booklet for
CIELCh(89, 31.075, 101.050)
contains.

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Color

CIELCh(89, 31.099, 101.037)

Conversions

Conversions Part 1

Format	Color
Hex	EAE1A5
RGB	234, 225, 165
RGB Percent	92%, 88%, 65%
CMY	0.0818, 0.1171, 0.3524
CMYK	0.00, 0.04, 0.29, 0.08
HSL	52°, 62%, 78%
HSV	52°, 29%, 92%
XYZ	67.7453, 74.1641, 46.4058
YIQ	220.8510, 24.6240, -16.7520

Conversions

Conversions Part 2

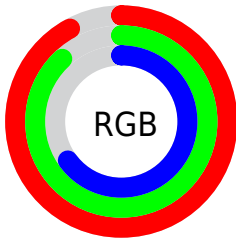
Format	Color
RYB	175, 234, 165
Decimal	15393189
CIELab	89.00, -5.95, 30.52
CIELCh	89, 31.099, 101.037
Yxy	74.1641, 0.3597, 0.3938
Android (android.graphics.Color)	4293583269 (0xFFEAE1A5)
YUV	220.8510, -27.5345, 11.5317
Hunter-Lab	86.1186, -10.2902, 28.3341

Details

The CIELCh color **89, 31.099, 101.037** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 32.698, 288.257**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.699, 108.839**, and **69, 30.938, 101.505** is the 20% darker color. If you saturate the color by 10%, you get **88, 41.494, 99.913**, and if you desaturate by 10%, it is **90, 20.566, 102.160**.

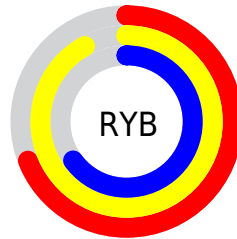
Distribution



Red (92%)

Green (88%)

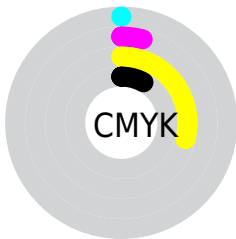
Blue (65%)



Red (69%)

Yellow (92%)

Blue (65%)

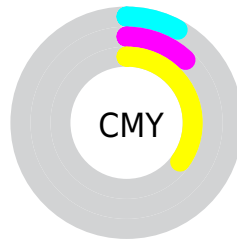


Cyan (0%)

Magenta (4%)

Yellow (29%)

Black (8%)



Cyan (8%)


Magenta (12%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 31.099, 101.037 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, 31.099, 101.037 by changing the saturation by 10% instead.


 89, 31.099,
101.037


 89, 31.099,
101.037


 100, 31.099,
101.037


 79, 31.099,
101.037

 69, 31.099,
101.037

 59, 31.099,
101.037

 49, 31.099,
101.037

 39, 31.099,
101.037

 29, 31.099,
101.037

 19, 31.099,

101.037

■ 9, 31.099, 101.037

■ 0, 31.099, 101.037

■ 89, 31.099,
101.037

■ 89, 31.099,
101.037

■ 88, 41.494, 99.913

■ 90, 20.566,
102.160

■ 87, 51.579, 98.787

■ 91, 9.991, 103.255

■ 86, 61.079, 97.679

■ 93, 0.567, 284.580

■ 85, 69.559, 96.603

■ 94, 9.135, 283.988

■ 84, 76.404, 95.564

■ 95, 7.762, 274.746

■ 83, 80.925, 94.556

■ 96, 6.670, 262.098

82, 82.915, 93.551

96, 6.007, 245.725

82, 82.996, 93.499

97, 5.916, 227.255

98, 6.416, 210.044

Harmonies

Complementary

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



89, 31.099, 101.037



72, 32.698, 288.257

Rectangle

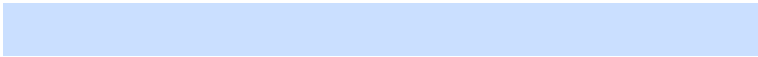
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 31.099, 101.037



89, 31.099, 151.037



89, 31.099, 281.037



89, 31.099, 331.037

Sweetspot

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



89, 31.101, 101.041



99, 10.172, 103.301



75, 27.301, 11.620



52, 7.071, 103.144



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

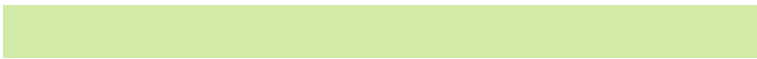
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 31.101, 101.041



95, 39.511, 100.399



89, 36.653, 122.718



49, 6.001, 103.255



65, 68.545, 93.669



19, 27.295, 95.602

Inverse Universe

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



72, 32.698, 288.257



74, 42.052, 289.261



72, 38.682, 306.057



45, 6.098, 285.376



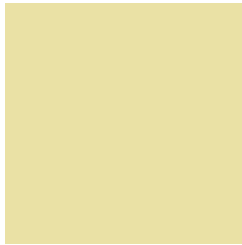
24, 96.456, 304.318



4, 32.512, 295.198

Previews

White Background



This preview shows how the CIELCh color 89, 31.099, 101.037 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, 31.099, 101.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

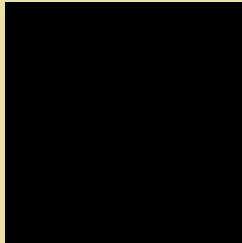
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

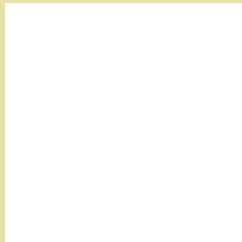
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 31.099, 101.037

Background



This preview shows how black text looks on a background with the CIELCh color 89, 31.099, 101.037.



This preview shows how white text looks on a background with the CIELCh color 89, 31.099, 101.037.

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, 31.099, 101.037

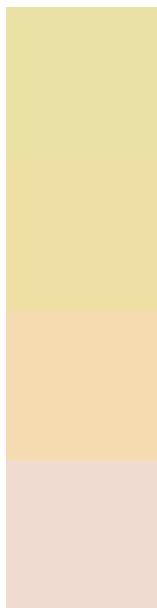
Protanopia
89, 31.197, 95.129

Deuteranopia
89, 23.505, 68.197



Tritanopia
89, 12.877, 336.960

Trichromacy



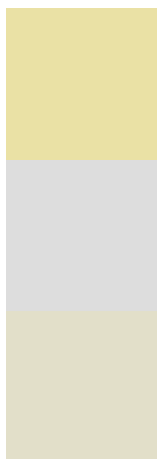
Original Color
89, 31.099, 101.037

Protanomaly
89, 31.425, 97.418

Deuteranomaly
89, 24.952, 82.140

Tritanomaly
89, 9.379, 57.180

Monochromacy



Original Color
89, 31.099, 101.037

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 11.464, 103.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 31.099, 101.037 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(234, 225, 165)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 165)  
}
```

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(234, 225, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 31.099, 101.037 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(234, 225, 165) }
```

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

```
.border{ border-color:rgb(234, 225, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 225, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 225, 165); box-shadow:4px 4px 4px 4px rgb(234, 225, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 31.099, 101.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 165) }
```

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

```
.background{ background-color: rgb(234,  
225, 165) }
```

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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