

Converting Colors

CIELCh(88, 24.814, 101.366)

Have a look what the booklet for
CIELCh(88, 24.814, 101.366)
contains.

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Color

CIELCh(88, 25.034, 100.935)

Conversions

Conversions Part 1

Format	Color
Hex	E6DEAE
RGB	230, 222, 174
RGB Percent	90%, 87%, 68%
CMY	0.0983, 0.1297, 0.3179
CMYK	0.00, 0.03, 0.24, 0.10
HSL	51°, 53%, 79%
HSV	51°, 24%, 90%
XYZ	66.3420, 72.0653, 50.4198
YIQ	218.9200, 20.1760, -13.2320

Conversions

Conversions Part 2

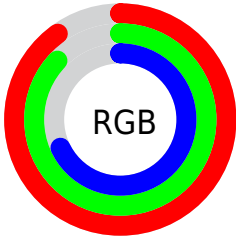
Format	Color
RYB	183, 230, 174
Decimal	15130286
CIELab	88.00, -4.75, 24.58
CIELCh	88, 25.034, 100.935
Yxy	72.0653, 0.3513, 0.3816
Android (android.graphics.Color)	4293320366 (0xFFE6DEAE)
YUV	218.9200, -22.1456, 9.7172
Hunter-Lab	84.8913, -9.0630, 24.2095

Details

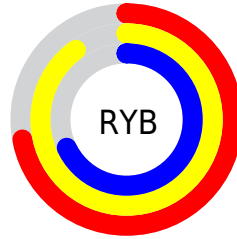
The CIELCh color **88, 25.034, 100.935** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 26.006, 286.806**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **68, 25.206, 100.903** is the 20% darker color. If you saturate the color by 10%, you get **87, 35.259, 99.800**, and if you desaturate by 10%, it is **89, 14.744, 102.061**.

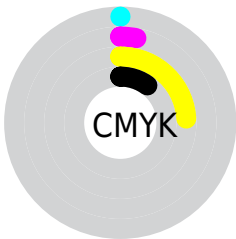
Distribution



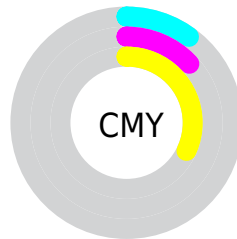
- Red (90%)
- Green (87%)
- Blue (68%)



- Red (72%)
- Yellow (90%)
- Blue (68%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (13%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.034, 100.935 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 88, 25.034, 100.935 by changing the saturation by 10% instead.


 88, 25.034,
100.935


 88, 25.034,
100.935


 100, 25.034,
100.935


 78, 25.034,
100.935

 68, 25.034,
100.935

 58, 25.034,
100.935

 48, 25.034,
100.935

 38, 25.034,
100.935

 28, 25.034,
100.935

 18, 25.034,

100.935

■ 8, 25.034, 100.935

■ 0, 25.034, 100.935

■ 88, 25.034,
100.935

■ 88, 25.034,
100.935

■ 87, 35.259, 99.800

■ 89, 14.744,
102.061

■ 86, 45.291, 98.653

■ 91, 4.457, 103.137

■ 84, 54.926, 97.511

■ 92, 5.787, 284.257

■ 83, 63.827, 96.386

■ 93, 10.405,
281.328

■ 82, 71.482, 95.287

■ 81, 77.217, 94.209

■ 94, 8.990, 272.273

■ 81, 80.406, 93.127

■ 95, 7.874, 260.326

■ 80, 81.277, 92.507

■ 96, 7.192, 245.394

■ 97, 7.068, 228.773

■ 97, 7.523, 212.948

Harmonies

Complementary

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



88, 25.034, 100.935



75, 26.006, 286.806

Rectangle

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



88, 25.034, 100.935



88, 25.034, 150.935



88, 25.034, 280.935



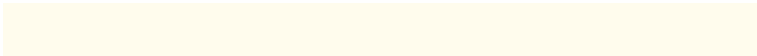
88, 25.034, 330.935

Sweetspot

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



88, 25.036, 100.940



99, 7.804, 102.857



76, 21.969, 9.636



53, 5.072, 102.793



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 25.036, 100.940



96, 32.408, 100.393



89, 29.812, 122.352



48, 5.819, 102.598



64, 67.345, 92.697



18, 25.709, 94.936

Inverse Universe

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



75, 26.006, 286.806



79, 33.965, 287.588



74, 31.176, 305.131



45, 5.908, 284.736



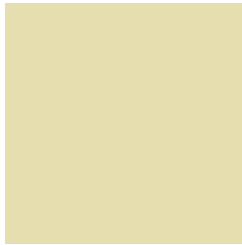
24, 94.429, 304.009



4, 30.359, 293.808

Previews

White Background



This preview shows how the CIELCh color 88, 25.034, 100.935 looks on a white background.

Color Contrast Check

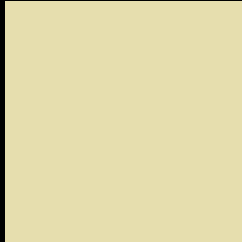
Large Text (above 18pt) WCAG AA × Fail

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 88, 25.034, 100.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

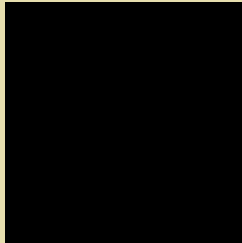
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

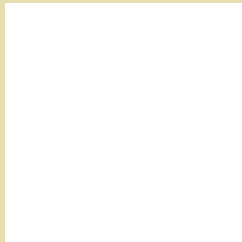
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 25.034, 100.935

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.034, 100.935.



This preview shows how white text looks on a background with the CIELCh color 88, 25.034, 100.935.

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
88, 25.034, 100.935

Protanopia
88, 25.074, 94.566

Deuteranopia
88, 24.401, 66.073



Tritanopia
88, 12.143, 333.362

Trichromacy



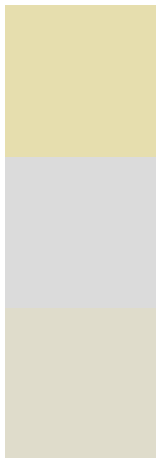
Original Color
88, 25.034, 100.935

Protanomaly
88, 25.302, 97.392

Deuteranomaly
88, 23.549, 78.457

Tritanomaly
88, 7.250, 49.818

Monochromacy



Original Color
88, 25.034, 100.935

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 8.907, 102.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.034, 100.935 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(230, 222, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 174)  
}
```

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(230, 222, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.034, 100.935 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(230, 222, 174) }
```

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

```
.border{ border-color:rgb(230, 222, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.034, 100.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 174) }
```

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

```
.background{ background-color: rgb(230,  
222, 174) }
```

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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