

Converting Colors

CIELCh(86, 32.638, 105.285)

Have a look what the booklet for
CIELCh(86, 32.638, 105.285)
contains.

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Color

CIELCh(86, 32.609, 105.284)

Conversions

Conversions Part 1

Format	Color
Hex	DDDA9B
RGB	221, 218, 155
RGB Percent	87%, 85%, 61%
CMY	0.1327, 0.1445, 0.3916
CMYK	0.00, 0.01, 0.30, 0.13
HSL	57°, 49%, 74%
HSV	57°, 30%, 87%
XYZ	60.9031, 67.9871, 40.9854
YIQ	211.7150, 22.0110, -18.9570

Conversions

Conversions Part 2

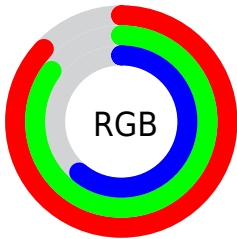
Format	Color
RYB	158, 221, 155
Decimal	14539419
CIELab	86.00, -8.60, 31.46
CIELCh	86, 32.609, 105.284
Yxy	67.9871, 0.3585, 0.4002
Android (android.graphics.Color)	4292729499 (0xFFDDDA9B)
YUV	211.7150, -27.9605, 8.1429
Hunter-Lab	82.4543, -12.4498, 28.2468

Details

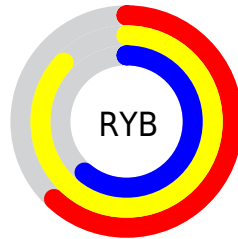
The CIELCh color $86, 32.609, 105.284$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 34.833, 292.094$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 22.729, 108.455$, and $66, 32.584, 105.194$ is the 20% darker color. If you saturate the color by 10%, you get $85, 43.210, 104.283$, and if you desaturate by 10%, it is $87, 21.775, 106.304$.

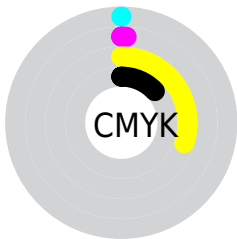
Distribution



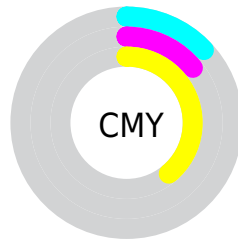
- Red (87%)
- Green (85%)
- Blue (61%)



- Red (62%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 32.609, 105.284 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 86, 32.609, 105.284 by changing the saturation by 10% instead.

■ 86, 32.609,
105.284

■ 86, 32.609,
105.284

■ 100, 32.609,
105.284

■ 76, 32.609,
105.284

■ 66, 32.609,
105.284

■ 56, 32.609,
105.284

■ 46, 32.609,
105.284

■ 36, 32.609,
105.284

■ 26, 32.609,
105.284

■ 16, 32.609,

105.284

■ 6, 32.609, 105.284

■ 0, 32.609, 105.284

■ 86, 32.609,
105.284

■ 86, 32.609,
105.284

■ 85, 43.210,
104.283

■ 87, 21.775,
106.304

■ 85, 53.384,
103.310

■ 87, 10.820,
107.314

■ 84, 62.838,
102.395

■ 88, 0.178, 288.818

■ 84, 71.141,
101.569

■ 89, 11.174,
289.298

■ 84, 77.732,

■ 90, 16.572,
289.167

100.863

90, 16.049,
287.838

83, 82.056,
100.301

90, 15.535,
286.422

83, 84.122, 99.869

90, 15.031,
284.914

83, 84.149, 99.863

91, 14.538,
283.305

Harmonies

Complementary

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



86, 32.609, 105.284



67, 34.833, 292.094

Rectangle

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



86, 32.609, 105.284



86, 32.609, 155.284



86, 32.609, 285.284



86, 32.609, 335.284

Sweetspot

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



86, 32.611, 105.288



99, 11.100, 107.391



70, 26.415, 18.079



53, 7.713, 107.245



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 32.611, 105.288



97, 43.957, 104.638



85, 36.094, 125.862



46, 6.195, 107.356



67, 70.214, 99.914



17, 25.345, 101.695

Inverse Universe

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



67, 34.833, 292.094



71, 47.791, 293.177



69, 37.821, 308.864



42, 6.321, 289.316



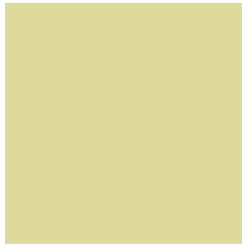
21, 98.096, 305.698



2, 28.666, 293.949

Previews

White Background



This preview shows how the CIELCh color 86, 32.609, 105.284 looks on a white background.

Color Contrast Check

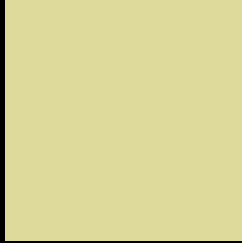
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 32.609, 105.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

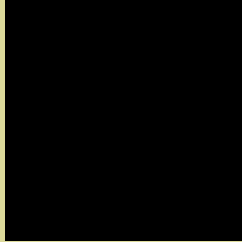
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

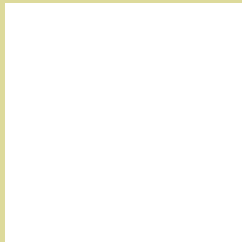
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 32.609, 105.284

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.609, 105.284.

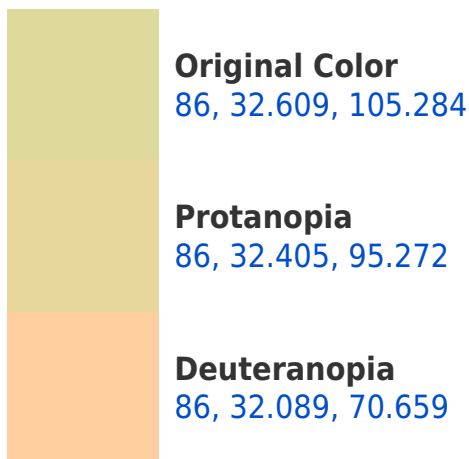


This preview shows how white text looks on a background with the CIELCh color 86, 32.609, 105.284.

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](#).

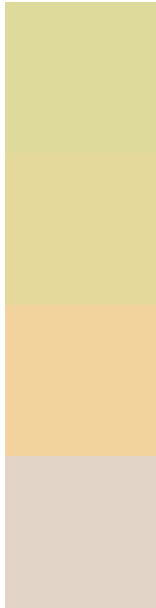
Dichromacy





Tritanopia
86, 11.328, 332.454

Trichromacy



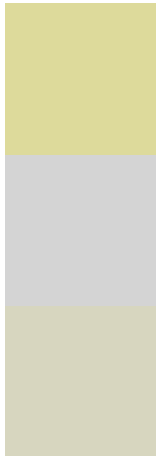
Original Color
86, 32.609, 105.284

Protanomaly
86, 32.499, 98.898

Deuteranomaly
86, 30.654, 82.863

Tritanomaly
86, 8.408, 67.774

Monochromacy



Original Color
86, 32.609, 105.284

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 12.032, 107.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.609, 105.284 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(221, 218, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 155)  
}
```

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(221, 218, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.609, 105.284 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(221, 218, 155) }
```

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

```
.border{ border-color:rgb(221, 218, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 218, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.609, 105.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 155) }
```

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

```
.background{ background-color: rgb(221,  
218, 155) }
```

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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