

Converting Colors

CIELCh(86, 31.625, 93.554)

Have a look what the booklet for
CIELCh(86, 31.625, 93.554) contains.

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Color

CIELCh(86, 31.625, 93.554)

Conversions

Conversions Part 1

Format	Color
Hex	E9D69B
RGB	233, 214, 155
RGB Percent	91%, 84%, 61%
CMY	0.0851, 0.1596, 0.3911
CMYK	0.00, 0.08, 0.33, 0.09
HSL	45°, 64%, 76%
HSV	45°, 33%, 91%
XYZ	63.7591, 67.9871, 40.8931
YIQ	212.9550, 30.2630, -14.3210

Conversions

Conversions Part 2

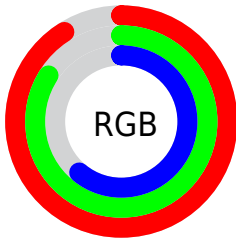
Format	Color
RYB	180, 233, 155
Decimal	15324827
CIELab	86.00, -1.96, 31.56
CIELCh	86, 31.625, 93.554
Yxy	67.9871, 0.3693, 0.3938
Android (android.graphics.Color)	4293514907 (0xFFE9D69B)
YUV	212.9550, -28.5718, 17.5795
Hunter-Lab	82.4543, -6.2669, 28.3132

Details

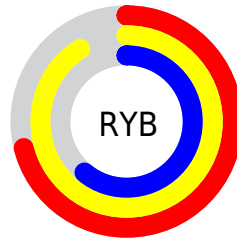
The CIELCh color **86, 31.625, 93.554** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 32.490, 282.718**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **66, 31.522, 93.363** is the 20% darker color. If you saturate the color by 10%, you get **84, 41.134, 92.263**, and if you desaturate by 10%, it is **88, 22.084, 94.823**.

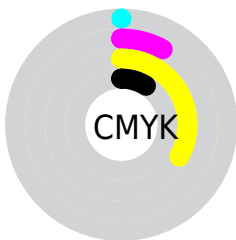
Distribution



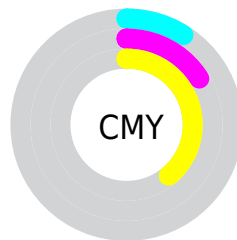
- Red (91%)
- Green (84%)
- Blue (61%)



- Red (71%)
- Yellow (91%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 31.625, 93.554 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, 31.625, 93.554 by changing the saturation by 10% instead.

86, 31.625, 93.554

86, 31.625, 93.554

100, 31.625,
93.554

76, 31.625, 93.554

66, 31.625, 93.554

56, 31.625, 93.554

46, 31.625, 93.554

36, 31.625, 93.554

26, 31.625, 93.554

16, 31.625, 93.554

6, 31.625, 93.554

0, 31.625, 93.554

86, 31.625, 93.554

86, 31.625, 93.554

84, 41.134, 92.263

88, 22.084, 94.823

82, 50.448, 90.939

90, 12.593, 96.049

81, 59.287, 89.580

92, 3.198, 97.194

79, 67.179, 88.165

94, 6.082, 278.441

78, 73.421, 86.643

95, 7.028, 263.456

76, 77.211, 84.921

97, 6.113, 232.894

75, 78.448, 83.670

98, 7.110, 202.888

98, 7.422, 199.025

Harmonies

Complementary

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



86, 31.625, 93.554



72, 32.490, 282.718

Rectangle

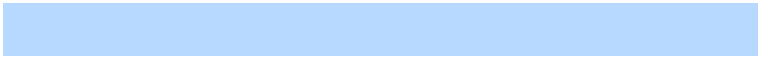
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 31.625, 93.554



86, 31.625, 143.554



86, 31.625, 273.554



86, 31.625, 323.554

Sweetspot

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



86, 31.626, 93.559



98, 10.046, 96.453



72, 31.798, 3.419



52, 6.861, 96.286



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, 31.626, 93.559



92, 40.706, 92.687



89, 40.506, 117.796



48, 5.332, 96.521



60, 64.969, 84.031



17, 24.823, 86.822

Inverse Universe

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



72, 32.490, 282.718



73, 42.165, 284.098



68, 43.571, 302.497



46, 5.376, 278.857



27, 85.874, 300.821



5, 29.657, 292.411

Previews

White Background



This preview shows how the CIELCh color 86, 31.625, 93.554 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, 31.625, 93.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

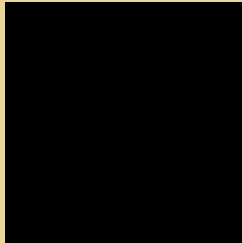
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.625, 93.554

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.625, 93.554.



This preview shows how white text looks on a background with the CIELCh color 86, 31.625, 93.554.

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


86, 31.625, 93.554

Protanopia

86, 31.314, 95.720

Deuteranopia

86, 32.783, 70.576



Tritanopia
86, 15.240, 347.302

Trichromacy



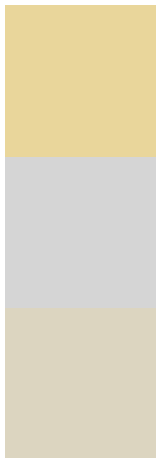
Original Color
86, 31.625, 93.554

Protanomaly
86, 31.403, 95.000

Deuteranomaly
86, 31.860, 78.885

Tritanomaly
86, 12.409, 47.551

Monochromacy



Original Color
86, 31.625, 93.554

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 11.289, 95.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.625, 93.554 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(233, 214, 155)` looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 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(233, 214, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.625, 93.554 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(233, 214, 155) }
```

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

```
.border{ border-color:rgb(233, 214, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 214, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 155);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.625, 93.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 214, 155) }
```

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

```
.background{ background-color: rgb(233,  
214, 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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