

Converting Colors

CIELCh(86, 10.040, 53.752)

Have a look what the booklet for
CIELCh(86, 10.040, 53.752) contains.

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Color

CIELCh(86, 10.073, 54.536)

Conversions

Conversions Part 1

Format	Color
Hex	E9D3C8
RGB	233, 211, 200
RGB Percent	91%, 83%, 78%
CMY	0.0868, 0.1730, 0.2162
CMYK	0.00, 0.09, 0.14, 0.09
HSL	20°, 43%, 85%
HSV	20°, 14%, 91%
XYZ	67.2310, 67.9871, 64.1418
YIQ	216.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

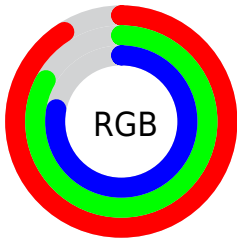
Format	Color
R _Y B	233, 217, 200
Decimal	15324104
CIE Lab	86.00, 5.84, 8.20
CIE LCh	86, 10.073, 54.536
Yxy	67.9871, 0.3372, 0.3410
Android (android.graphics.Color)	4293514184 (0xFFE9D3C8)
YUV	216.3240, -8.0477, 14.6249
Hunter-Lab	82.4543, 1.2492, 11.5958

Details

The CIELCh color $86, 10.073, 54.536$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 9.361, 237.110$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 10.069, 56.840$ is the 20% darker color. If you saturate the color by 10%, you get $82, 17.824, 53.846$, and if you desaturate by 10%, it is $90, 2.858, 55.192$.

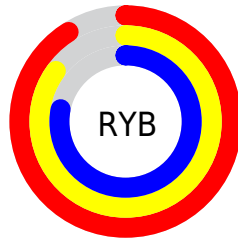
Distribution



Red (91%)

Green (83%)

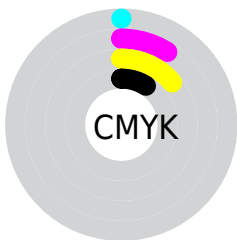
Blue (78%)



Red (91%)

Yellow (85%)

Blue (78%)

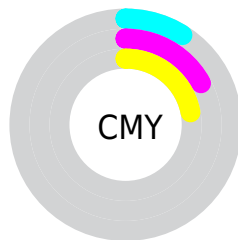


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 10.073, 54.536 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, 10.073, 54.536 by changing the saturation by 10% instead.

 86, 10.073, 54.536

 86, 10.073, 54.536

 100, 10.073,
54.536

 76, 10.073, 54.536

 66, 10.073, 54.536

 56, 10.073, 54.536

 46, 10.073, 54.536

 36, 10.073, 54.536

 26, 10.073, 54.536

 16, 10.073, 54.536

 6, 10.073, 54.536

 0, 10.073, 54.536

86, 10.073, 54.536

86, 10.073, 54.536

82, 17.824, 53.846

90, 2.858, 55.192

77, 26.159, 53.194

95, 3.875, 236.332

73, 35.106, 52.622

98, 7.566, 199.014

69, 44.654, 52.141

66, 54.709, 51.741

62, 65.010, 51.350

59, 74.941, 50.773

56, 83.266, 49.572

55, 87.151, 48.611

Harmonies

Complementary

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



86, 10.073, 54.536



87, 9.361, 237.110

Rectangle

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



86, 10.073, 54.536



86, 10.073, 104.536



86, 10.073, 234.536



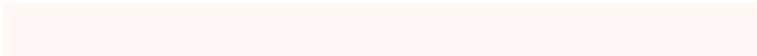
86, 10.073, 284.536

Sweetspot

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



86, 10.073, 54.552



98, 2.949, 55.197



84, 16.654, 336.663



52, 2.102, 55.168



0, 0.000, 0.000



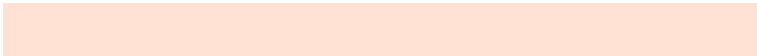
53, 0.007, 296.813

Same Dimension

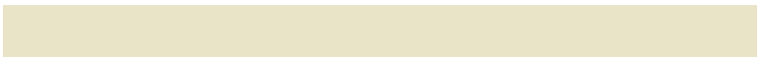
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 10.073, 54.552



92, 13.147, 54.343



90, 14.349, 100.745



47, 3.994, 54.884



43, 71.754, 49.188



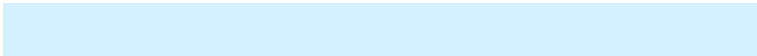
11, 23.166, 44.296

Inverse Universe

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



87, 9.361, 237.110



93, 12.016, 237.433



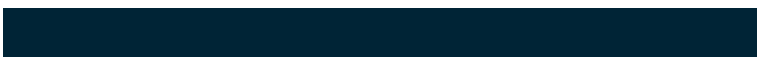
83, 14.629, 284.068



47, 3.811, 236.646



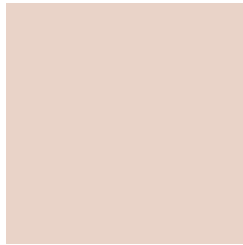
48, 40.041, 262.012



13, 15.833, 253.133

Previews

White Background



This preview shows how the CIELCh color 86, 10.073, 54.536 looks on a white background.

Color Contrast Check

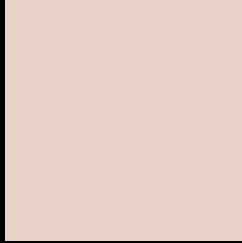
Large Text (above 18pt) WCAG AA × Fail

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 86, 10.073, 54.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

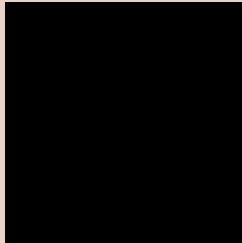
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 10.073, 54.536

Background



This preview shows how black text looks on a background with the CIELCh color 86, 10.073, 54.536.

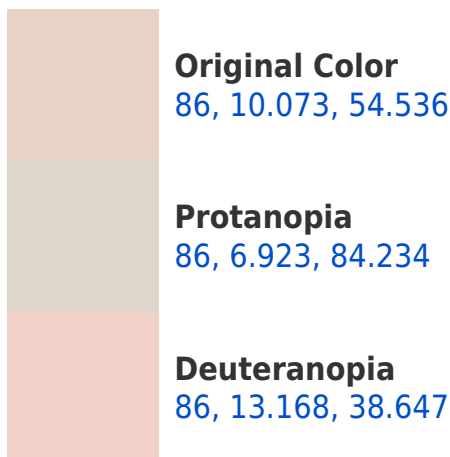


This preview shows how white text looks on a background with the CIELCh color 86, 10.073, 54.536.

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, 13.780, 340.211

Trichromacy



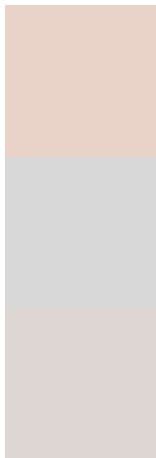
Original Color
86, 10.073, 54.536

Protanomaly
86, 7.915, 71.847

Deuteranomaly
86, 11.918, 43.238

Tritanomaly
86, 10.559, 359.913

Monochromacy



Original Color
86, 10.073, 54.536

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.580, 55.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 10.073, 54.536 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, 211, 200)` looks like.

```
.text, #text, p{  
    color:rgb(233, 211, 200)  
}
```

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, 211, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 211, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 10.073, 54.536 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, 211, 200) }
```

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

```
.border{ border-color:rgb(233, 211, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 211, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 211, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 211, 200);  
box-shadow:4px 4px 4px 4px rgb(233, 211,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 10.073, 54.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 211, 200) }
```

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

```
.background{ background-color: rgb(233,  
211, 200) }
```

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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