

Converting Colors

CIELCh(86, 23.000, 52.466)

Have a look what the booklet for
CIELCh(86, 23.000, 52.466) contains.

CIELCh(86, 23.160, 53.006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 23.160, 53.006)

Conversions

Conversions Part 1

Format	Color
Hex	FECDB5
RGB	254, 205, 181
RGB Percent	100%, 80%, 71%
CMY	0.0044, 0.1965, 0.2906
CMYK	0.00, 0.19, 0.29, 0.00
HSL	20°, 97%, 85%
HSV	20°, 29%, 100%
XYZ	70.9614, 67.9871, 53.0381
YIQ	216.9150, 36.9080, 2.9240

Conversions

Conversions Part 2

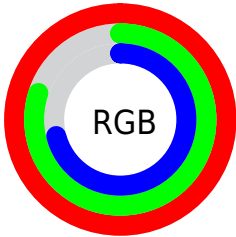
Format	Color
R _Y B	254, 217, 181
Decimal	16698805
CIE Lab	86.00, 13.94, 18.50
CIE LCh	86, 23.160, 53.006
Yxy	67.9871, 0.3696, 0.3541
Android (android.graphics.Color)	4294888885 (0xFFFECD B5)
YUV	216.9150, -17.7061, 32.5235
Hunter-Lab	82.4543, 9.3249, 19.5802

Details

The CIELCh color **86, 23.160, 53.006** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 19.668, 238.370**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **66, 23.087, 53.702** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.423, 52.420**, and if you desaturate by 10%, it is **91, 14.547, 53.679**.

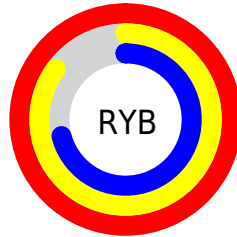
Distribution



Red (100%)

Green (80%)

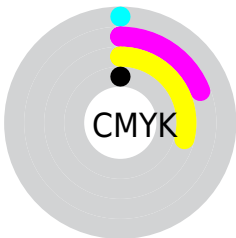
Blue (71%)



Red (100%)

Yellow (85%)

Blue (71%)

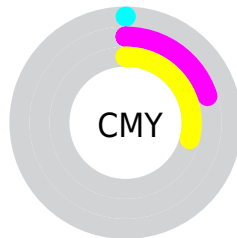


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 23.160, 53.006 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, 23.160, 53.006 by changing the saturation by 10% instead.

 86, 23.160, 53.006

 86, 23.160, 53.006

 100, 23.160,
53.006

 76, 23.160, 53.006

 66, 23.160, 53.006

 56, 23.160, 53.006

 46, 23.160, 53.006

 36, 23.160, 53.006

 26, 23.160, 53.006

 16, 23.160, 53.006

 6, 23.160, 53.006

 0, 23.160, 53.006

86, 23.160, 53.006

86, 23.160, 53.006

81, 32.423, 52.420

91, 14.547, 53.679

77, 42.354, 51.918

95, 6.543, 54.371

73, 52.905, 51.512

100, 0.389,
201.083

69, 63.904, 51.167

65, 74.914, 50.764

62, 84.967, 49.992

60, 92.573, 48.390

59, 93.439, 48.203

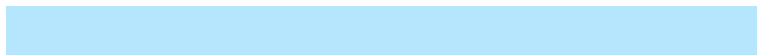
Harmonies

Complementary

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



86, 23.160, 53.006



89, 19.668, 238.370

Rectangle

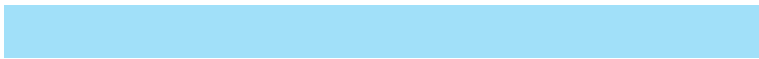
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 23.160, 53.006



86, 23.160, 103.006



86, 23.160, 233.006



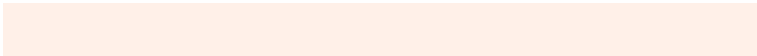
86, 23.160, 283.006

Sweetspot

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



86, 23.159, 53.014



96, 6.761, 54.354



82, 36.843, 337.104



50, 4.723, 54.256



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, 23.159, 53.014



83, 28.975, 52.632



95, 30.789, 98.047



51, 4.279, 54.320



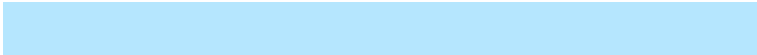
45, 75.037, 48.802



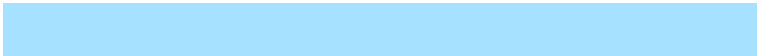
13, 28.192, 46.074

Inverse Universe

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



89, 19.668, 238.370



87, 23.610, 239.386



79, 31.967, 285.412



51, 4.078, 236.062



51, 41.458, 261.437



16, 17.867, 254.228

Previews

White Background



This preview shows how the CIELCh color 86, 23.160, 53.006 looks on a white background.

Color Contrast Check

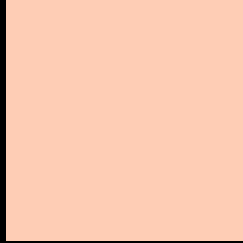
Large Text (above 18pt) WCAG AA × Fail

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, 23.160, 53.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

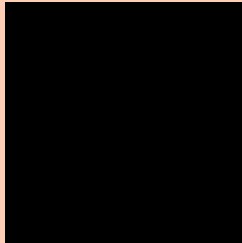
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 23.160, 53.006

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.160, 53.006.



This preview shows how white text looks on a background with the CIELCh color 86, 23.160, 53.006.

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, 23.160, 53.006

Protanopia

86, 15.702, 93.340

Deuteranopia

86, 21.551, 60.771



Tritanopia
86, 21.238, 1.054

Trichromacy



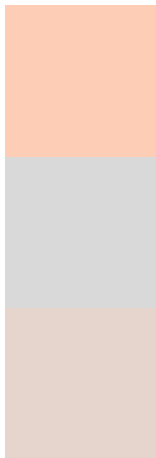
Original Color
86, 23.160, 53.006

Protanomaly
86, 17.156, 74.673

Deuteranomaly
86, 22.153, 57.841

Tritanomaly
86, 20.052, 19.453

Monochromacy



Original Color
86, 23.160, 53.006

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.873, 56.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.160, 53.006 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(254, 205, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 181)  
}
```

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(254, 205, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.160, 53.006 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(254, 205, 181) }
```

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

```
.border{ border-color:rgb(254, 205, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.160, 53.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 181) }
```

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

```
.background{ background-color: rgb(254,  
205, 181) }
```

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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