

Converting Colors

CIELCh(85, 9.270, 48.183)

Have a look what the booklet for
CIELCh(85, 9.270, 48.183) contains.

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Color

CIELCh(85, 9.251, 46.745)

Conversions

Conversions Part 1

Format	Color
Hex	E6D0C8
RGB	230, 208, 200
RGB Percent	90%, 82%, 78%
CMY	0.0986, 0.1848, 0.2162
CMYK	0.00, 0.10, 0.13, 0.10
HSL	16°, 37%, 84%
HSV	16°, 13%, 90%
XYZ	65.5184, 66.0070, 63.8468
YIQ	213.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

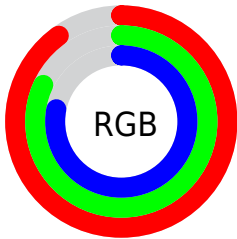
Format	Color
R _Y B	230, 211, 200
Decimal	15126728
CIE Lab	85.00, 6.34, 6.74
CIE LCh	85, 9.251, 46.745
Yxy	66.0070, 0.3354, 0.3379
Android (android.graphics.Color)	4293316808 (0xFFE6D0C8)
YUV	213.6660, -6.7373, 14.3249
Hunter-Lab	81.2447, 1.7701, 10.2778

Details

The CIELCh color `85, 9.251, 46.745` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 8.565, 228.365`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 9.146, 48.838` is the 20% darker color. If you saturate the color by 10%, you get `80, 17.005, 46.383`, and if you desaturate by 10%, it is `90, 2.077, 47.030`.

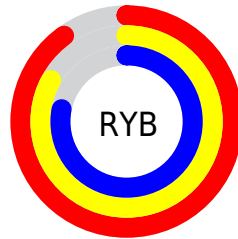
Distribution



Red (90%)

Green (82%)

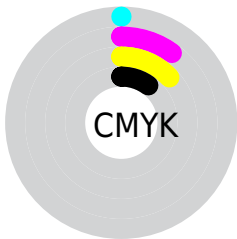
Blue (78%)



Red (90%)

Yellow (83%)

Blue (78%)

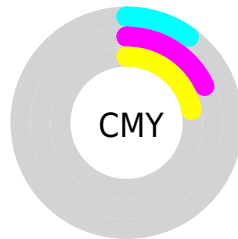


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.251, 46.745 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 85, 9.251, 46.745 by changing the saturation by 10% instead.



85, 9.251, 46.745

85, 9.251, 46.745

80, 17.005, 46.383

90, 2.077, 47.030

76, 25.392, 46.090

95, 4.574, 227.975

71, 34.443, 45.922

98, 8.568, 198.941

67, 44.151, 45.903

63, 54.436, 46.039

60, 65.067, 46.281

56, 75.487, 46.454

54, 84.495, 46.115

52, 89.394, 45.508

Harmonies

Complementary

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



85, 9.251, 46.745



87, 8.565, 228.365

Rectangle

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



85, 9.251, 46.745



85, 9.251, 96.745



85, 9.251, 226.745



85, 9.251, 276.745

Sweetspot

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



85, 9.250, 46.761



98, 2.976, 47.049



84, 15.898, 333.823



52, 2.122, 47.044



0, 0.000, 0.000



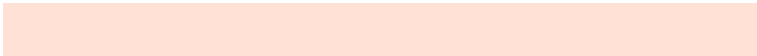
53, 0.007, 296.813

Same Dimension

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



85, 9.250, 46.761



92, 12.488, 46.641



89, 12.202, 96.779



46, 3.965, 46.903



41, 73.539, 46.009



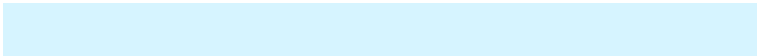
9, 22.709, 37.969

Inverse Universe

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



87, 8.565, 228.365



94, 11.338, 228.594



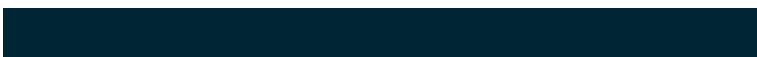
83, 12.340, 279.995



47, 3.755, 228.129



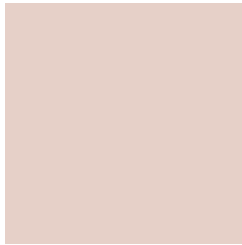
51, 35.690, 249.544



13, 14.342, 241.007

Previews

White Background



This preview shows how the CIELCh color 85, 9.251, 46.745 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 85, 9.251, 46.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

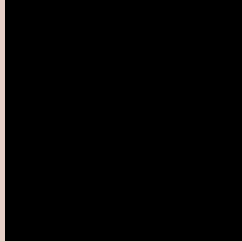
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 9.251, 46.745

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.251, 46.745.

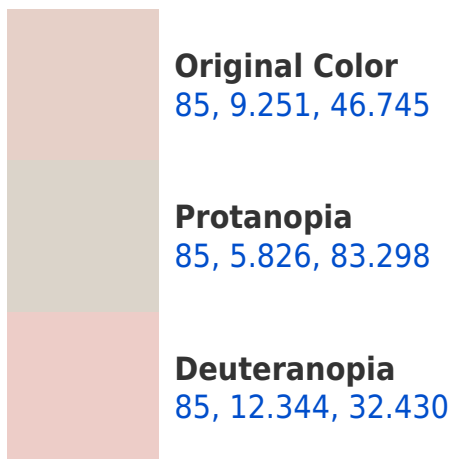


This preview shows how white text looks on a background with the CIELCh color 85, 9.251, 46.745.

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
85, 13.198, 340.913

Trichromacy



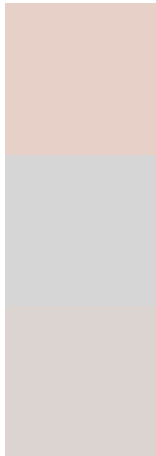
Original Color
85, 9.251, 46.745

Protanomaly
85, 6.742, 63.893

Deuteranomaly
85, 10.992, 36.654

Tritanomaly
85, 10.231, 359.164

Monochromacy



Original Color
85, 9.251, 46.745

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 3.308, 47.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.251, 46.745 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, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(230, 208, 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(230, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 208, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.251, 46.745 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, 208, 200) }
```

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

```
.border{ border-color:rgb(230, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 208,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.251, 46.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 208, 200) }
```

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

```
.background{ background-color: rgb(230,  
208, 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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