

Converting Colors

CIELCh(85, 8.958, 23.618)

Have a look what the booklet for
CIELCh(85, 8.958, 23.618) contains.

CIELCh(85, 8.921, 23.362)	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(85, 8.921, 23.362)

Conversions

Conversions Part 1

Format	Color
Hex	E7CFCE
RGB	231, 207, 206
RGB Percent	91%, 81%, 81%
CMY	0.0945, 0.1886, 0.1925
CMYK	0.00, 0.10, 0.11, 0.09
HSL	2°, 34%, 86%
HSV	2°, 11%, 91%
XYZ	66.3454, 66.0070, 67.5788
YIQ	214.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

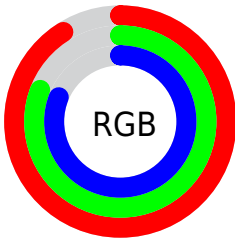
Format	Color
R_{YB}	231, 207, 206
Decimal	15192014
CIE _{Lab}	85.00, 8.19, 3.54
CIE _{LCh}	85, 8.921, 23.362
Yxy	66.0070, 0.3318, 0.3301
Android (android.graphics.Color)	4293382094 (0xFFE7CFCE)
YUV	214.0620, -3.9746, 14.8546
Hunter-Lab	81.2447, 3.5869, 7.5543

Details

The CIELCh color $85, 8.921, 23.362$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 8.316, 202.527$, 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 $65, 8.690, 23.798$ is the 20% darker color. If you saturate the color by 10%, you get $79, 17.869, 24.096$, and if you desaturate by 10%, it is $91, 0.654, 21.987$.

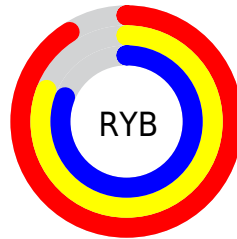
Distribution



Red (91%)

Green (81%)

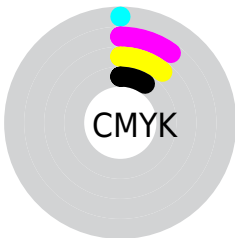
Blue (81%)



Red (91%)

Yellow (81%)

Blue (81%)

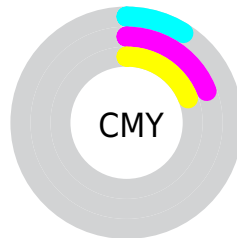


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.921, 23.362 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, 8.921, 23.362 by changing the saturation by 10% instead.



85, 8.921, 23.362

85, 8.921, 23.362

79, 17.869, 24.096

91, 0.654, 21.987

73, 27.520, 25.025

97, 6.976, 202.638

68, 37.841, 26.252

98, 8.219, 198.966

63, 48.723, 27.870

58, 59.957, 29.967

54, 71.208, 32.587

51, 81.930, 35.602

49, 91.010, 38.461

48, 96.510, 40.320

Harmonies

Complementary

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



85, 8.921, 23.362



90, 8.316, 202.527

Rectangle

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



85, 8.921, 23.362



85, 8.921, 73.362



85, 8.921, 203.362



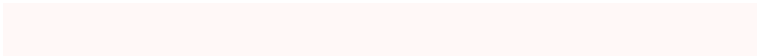
85, 8.921, 253.362

Sweetspot

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



85, 8.919, 23.376



98, 2.596, 22.776



85, 15.566, 325.928



52, 1.974, 22.869



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, 8.919, 23.376



91, 11.715, 23.526



88, 8.159, 77.537



45, 4.631, 23.286



37, 79.429, 40.425



7, 26.341, 23.810

Inverse Universe

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



90, 8.316, 202.527



97, 10.756, 202.431



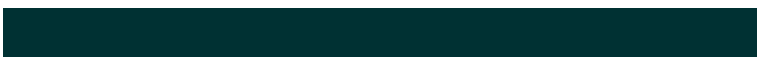
86, 7.994, 260.447



47, 4.357, 202.589



64, 36.316, 202.935



18, 15.360, 201.874

Previews

White Background



This preview shows how the CIELCh color 85, 8.921, 23.362 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, 8.921, 23.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

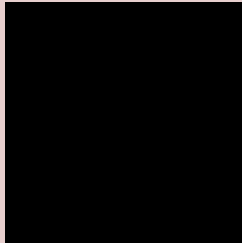
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 8.921, 23.362

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.921, 23.362.

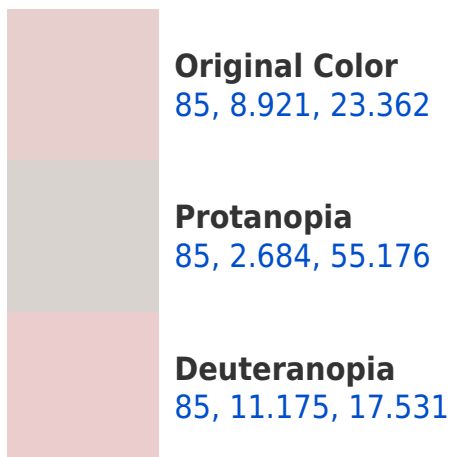


This preview shows how white text looks on a background with the CIELCh color 85, 8.921, 23.362.

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, 8.921, 23.362

Protanomaly
85, 4.675, 39.219

Deuteranomaly
85, 10.413, 20.138

Tritanomaly
85, 10.862, 351.370

Monochromacy



Original Color
85, 8.921, 23.362

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 3.282, 19.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.921, 23.362 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(231, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 207, 206)  
}
```

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(231, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 207, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.921, 23.362 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(231, 207, 206) }
```

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

```
.border{ border-color:rgb(231, 207, 206) }
```

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

Here you see how a box with a 4 pixel rgb(231, 207, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 207,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.921, 23.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 207, 206) }
```

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

```
.background{ background-color: rgb(231,  
207, 206) }
```

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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