

Converting Colors

CIELCh(85, 5.174, 39.039)

Have a look what the booklet for
CIELCh(85, 5.174, 39.039) contains.

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Color

CIELCh(85, 5.221, 43.258)

Conversions

Conversions Part 1

Format	Color
Hex	DFD2CE
RGB	223, 210, 206
RGB Percent	87%, 82%, 81%
CMY	0.1268, 0.1777, 0.1934
CMYK	0.00, 0.06, 0.08, 0.13
HSL	14°, 21%, 84%
HSV	14°, 8%, 87%
XYZ	64.3960, 66.0070, 67.5308
YIQ	213.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

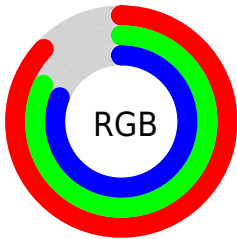
Format	Color
R _Y B	223, 211, 206
Decimal	14668494
CIE Lab	85.00, 3.80, 3.58
CIE LCh	85, 5.221, 43.258
Yxy	66.0070, 0.3253, 0.3335
Android (android.graphics.Color)	4292858574 (0xFFDFD2CE)
YUV	213.4310, -3.6635, 8.3920
Hunter-Lab	81.2447, -0.6961, 7.5893

Details

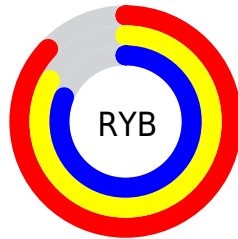
The CIELCh color $85, 5.221, 43.258$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 4.991, 224.123$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 5.185, 44.931$ is the 20% darker color. If you saturate the color by 10%, you get $80, 12.559, 43.055$, and if you desaturate by 10%, it is $90, 1.561, 224.138$.

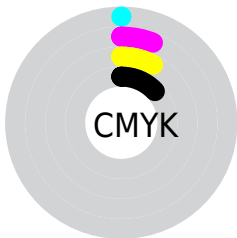
Distribution



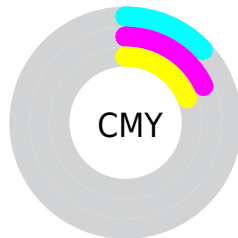
- Red (87%)
- Green (82%)
- Blue (81%)



- Red (87%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.221, 43.258 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, 5.221, 43.258 by changing the saturation by 10% instead.



85, 5.221, 43.258

85, 5.221, 43.258

80, 12.559, 43.055

90, 1.561, 224.138

76, 20.509, 42.882

95, 7.844, 224.271

71, 29.111, 42.836

98, 10.935,
198.776

67, 38.380, 42.952

63, 48.276, 43.257

59, 58.663, 43.744

55, 69.199, 44.329

52, 79.098, 44.730

50, 86.891, 44.399

Harmonies

Complementary

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



85, 5.221, 43.258



86, 4.991, 224.123

Rectangle

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



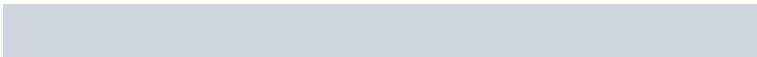
85, 5.221, 43.258



85, 5.221, 93.258



85, 5.221, 223.258



85, 5.221, 273.258

Sweetspot

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



85, 5.220, 43.285



99, 1.491, 43.168



84, 9.246, 332.172



53, 0.847, 43.149



0, 0.000, 0.000



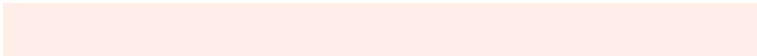
53, 0.007, 296.813

Same Dimension

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



85, 5.220, 43.285



95, 6.911, 43.255



87, 6.693, 95.156



45, 3.937, 43.247



39, 73.853, 44.800



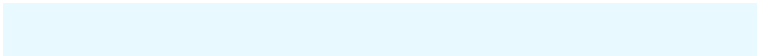
8, 21.844, 34.621

Inverse Universe

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



86, 4.991, 224.123



97, 6.546, 224.179



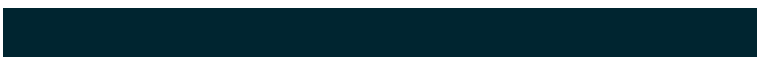
84, 6.734, 277.073



46, 3.720, 224.196



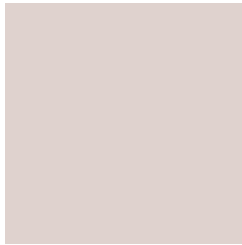
52, 34.099, 243.040



13, 13.641, 234.806

Previews

White Background



This preview shows how the CIELCh color 85, 5.221, 43.258 looks on a white background.

Color Contrast Check

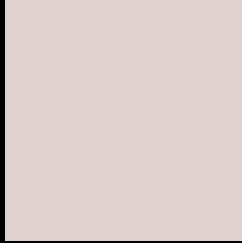
Large Text (above 18pt) WCAG AA × Fail

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, 5.221, 43.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

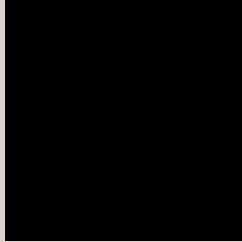
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

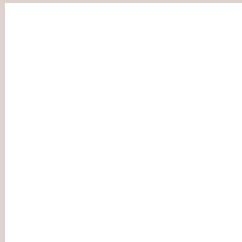
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.221, 43.258

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.221, 43.258.



This preview shows how white text looks on a background with the CIELCh color 85, 5.221, 43.258.

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

85, 5.221, 43.258

Protanopia

85, 3.020, 63.272

Deuteranopia

85, 11.192, 14.861



Tritanopia
85, 10.658, 328.048

Trichromacy



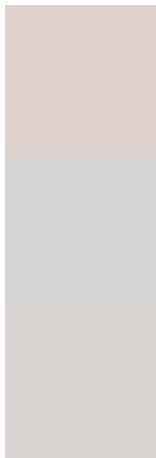
Original Color
85, 5.221, 43.258

Protanomaly
85, 3.590, 55.119

Deuteranomaly
85, 8.891, 20.010

Tritanomaly
85, 7.514, 340.933

Monochromacy



Original Color
85, 5.221, 43.258

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.089, 49.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.221, 43.258 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(223, 210, 206)` looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 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(223, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.221, 43.258 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(223, 210, 206) }
```

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

```
.border{ border-color:rgb(223, 210, 206) }
```

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

Here you see how a box with a 4 pixel rgb(223, 210, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(223, 210,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.221, 43.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 206) }
```

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

```
.background{ background-color: rgb(223,  
210, 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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