

Converting Colors

CIELCh(85, 4.391, 7.147)

Have a look what the booklet for
CIELCh(85, 4.391, 7.147) contains.

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Color

CIELCh(85, 4.054, 12.142)

Conversions

Conversions Part 1

Format	Color
Hex	DDD2D3
RGB	221, 210, 211
RGB Percent	87%, 82%, 83%
CMY	0.1342, 0.1774, 0.1734
CMYK	0.00, 0.05, 0.05, 0.13
HSL	355°, 14%, 84%
HSV	355°, 5%, 87%
XYZ	64.4668, 66.0070, 70.8198
YIQ	213.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

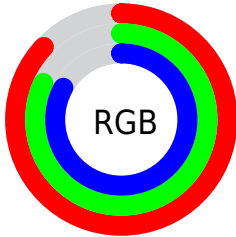
Format	Color
R _Y B	221, 210, 211
Decimal	14537427
CIE Lab	85.00, 3.96, 0.85
CIE LCh	85, 4.054, 12.142
Yxy	66.0070, 0.3203, 0.3279
Android (android.graphics.Color)	4292727507 (0xFFDDD2D3)
YUV	213.4030, -1.1847, 6.6626
Hunter-Lab	81.2447, -0.5404, 5.1891

Details

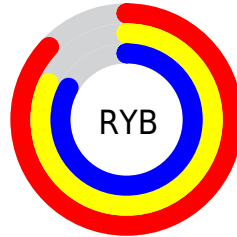
The CIELCh color **85, 4.054, 12.142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 3.946, 191.685**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 3.906, 11.511** is the 20% darker color. If you saturate the color by 10%, you get **79, 12.605, 13.173**, and if you desaturate by 10%, it is **91, 3.943, 191.705**.

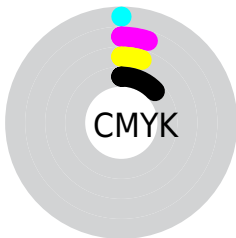
Distribution



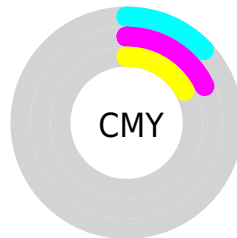
- Red (87%)
- Green (82%)
- Blue (83%)



- Red (87%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 4.054, 12.142 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, 4.054, 12.142 by changing the saturation by 10% instead.



85, 4.054, 12.142

85, 4.054, 12.142

79, 12.605, 13.173

91, 3.943, 191.705

73, 21.712, 14.308

97, 11.410,
190.976

68, 31.322, 15.709

98, 11.554,
198.734

62, 41.305, 17.476

58, 51.441, 19.730

53, 61.419, 22.602

50, 70.889, 26.188

48, 79.521, 30.431

47, 86.882, 34.900

Harmonies

Complementary

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



85, 4.054, 12.142



87, 3.946, 191.685

Rectangle

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



85, 4.054, 12.142



85, 4.054, 62.142



85, 4.054, 192.142



85, 4.054, 242.142

Sweetspot

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



85, 4.052, 12.167



99, 0.905, 11.281



85, 6.822, 321.919



53, 0.514, 11.240



0, 0.000, 0.000



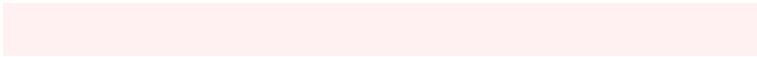
53, 0.007, 296.813

Same Dimension

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



85, 4.052, 12.167



96, 5.508, 12.282



86, 3.313, 63.246



44, 3.234, 12.338



36, 74.497, 36.107



5, 23.735, 16.358

Inverse Universe

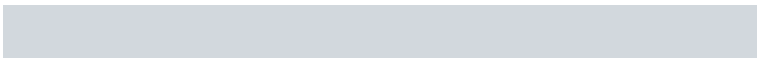
The Inverse Universe completely reimagines the original color for something new.



85, 4.052, 12.167



96, 5.508, 12.282



86, 3.259, 244.571



44, 3.234, 12.338



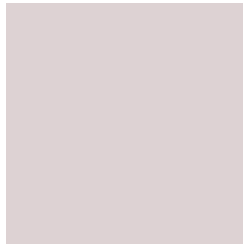
36, 74.497, 36.107



5, 23.735, 16.358

Previews

White Background



This preview shows how the CIELCh color 85, 4.054, 12.142 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 85, 4.054, 12.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

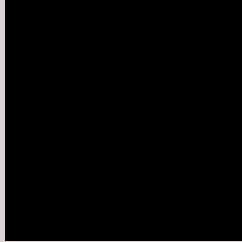
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

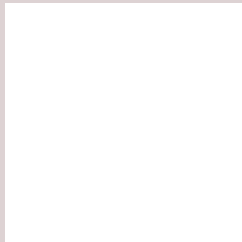
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 4.054, 12.142

Background



This preview shows how black text looks on a background with the CIELCh color 85, 4.054, 12.142.

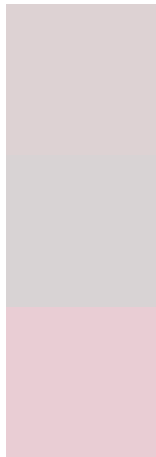


This preview shows how white text looks on a background with the CIELCh color 85, 4.054, 12.142.

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, 4.054, 12.142

Protanopia

85, 1.897, 3.174

Deuteranopia

85, 10.938, 0.642



Tritanopia
85, 10.031, 323.093

Trichromacy



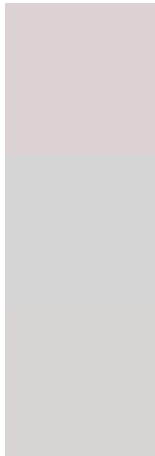
Original Color
85, 4.054, 12.142

Protanomaly
85, 2.605, 7.762

Deuteranomaly
85, 8.495, 2.045

Tritanomaly
85, 7.080, 331.951

Monochromacy



Original Color
85, 4.054, 12.142

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.452, 19.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 4.054, 12.142 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(221, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 211)  
}
```

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(221, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 4.054, 12.142 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(221, 210, 211) }
```

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

```
.border{ border-color:rgb(221, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 4.054, 12.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 211) }
```

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

```
.background{ background-color: rgb(221,  
210, 211) }
```

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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