

Converting Colors

CIELCh(85, 5.692, 155.187)

Have a look what the booklet for
CIELCh(85, 5.692, 155.187) contains.

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Color

CIELCh(85, 5.444, 156.677)

Conversions

Conversions Part 1

Format	Color
Hex	CCD7D0
RGB	204, 215, 208
RGB Percent	80%, 84%, 82%
CMY	0.1999, 0.1568, 0.1842
CMYK	0.05, 0.00, 0.03, 0.16
HSL	142°, 12%, 82%
HSV	142°, 5%, 84%
XYZ	60.6011, 66.0070, 69.2346
YIQ	210.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

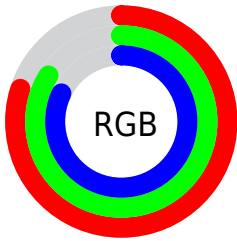
Format	Color
RYB	204, 212, 215
Decimal	13424592
CIELab	85.00, -5.00, 2.16
CIELCh	85, 5.444, 156.677
Yxy	66.0070, 0.3094, 0.3370
Android (android.graphics.Color)	4291614672 (0xFFCCD7D0)
YUV	210.9130, -1.4361, -6.0627
Hunter-Lab	81.2447, -9.0335, 6.3459

Details

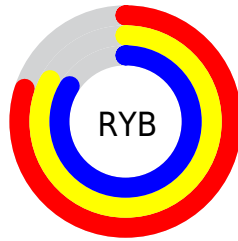
The CIELCh color `85, 5.444, 156.677` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 5.477, 337.272`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 5.094, 158.232` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.159, 155.832`, and if you desaturate by 10%, it is `87, 5.178, 337.233`.

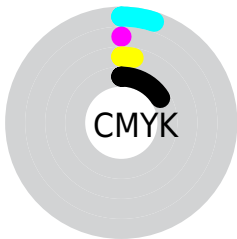
Distribution



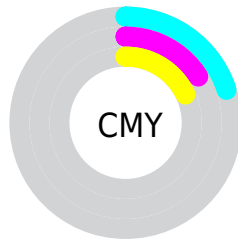
- Red (80%)
- Green (84%)
- Blue (82%)



- Red (80%)
- Yellow (83%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.444, 156.677 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, 5.444, 156.677 by changing the saturation by 10% instead.

■ 85, 5.444, 156.677

■ 85, 5.444, 156.677

■ 100, 5.444,
156.677

■ 75, 5.444, 156.677

■ 65, 5.444, 156.677

■ 55, 5.444, 156.677

■ 45, 5.444, 156.677

■ 35, 5.444, 156.677

■ 25, 5.444, 156.677

■ 15, 5.444, 156.677

■ 5, 5.444, 156.677

■ 0, 5.444, 156.677

85, 5.444, 156.677

85, 5.444, 156.677

83, 16.159,
155.832

87, 5.178, 337.233

82, 26.843,
154.921

89, 15.624,
337.910

80, 37.350,
153.886

90, 22.620,
329.717

79, 47.502,
152.701

90, 25.043,
325.297

78, 57.107,
151.344

77, 65.973,
149.795

76, 73.933,
148.047

76, 80.873,
146.111

■ 76, 86.749,
144.031

Harmonies

Complementary

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



85, 5.444, 156.677



83, 5.477, 337.272

Rectangle

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



85, 5.444, 156.677



85, 5.444, 206.677



85, 5.444, 336.677



85, 5.444, 26.677

Sweetspot

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



85, 5.446, 156.672



100, 2.435, 157.006



85, 5.940, 123.412



53, 1.384, 157.023



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, 5.446, 156.672



99, 7.338, 156.591



85, 4.038, 186.844



45, 4.219, 156.545



61, 74.632, 143.398



14, 26.227, 148.657

Inverse Universe

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



83, 5.477, 337.272



96, 7.381, 337.352



83, 4.136, 7.449



43, 4.244, 337.396



37, 65.961, 349.661



5, 25.357, 344.941

Previews

White Background



This preview shows how the CIELCh color 85, 5.444, 156.677 looks on a white background.

Color Contrast Check

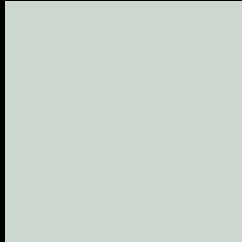
Large Text (above 18pt) WCAG AA × Fail

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, 5.444, 156.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

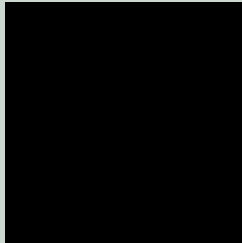
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

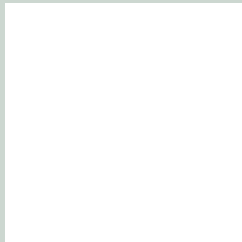
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.444, 156.677

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.444, 156.677.

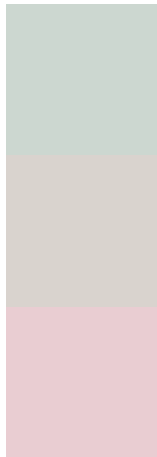


This preview shows how white text looks on a background with the CIELCh color 85, 5.444, 156.677.

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

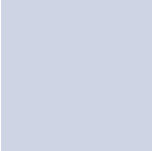
85, 5.444, 156.677

Protanopia

85, 3.405, 69.635

Deuteranopia

85, 10.663, 5.985



Tritanopia
85, 9.081, 279.915

Trichromacy



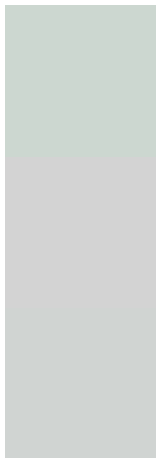
Original Color
85, 5.444, 156.677

Protanomaly
85, 2.616, 109.928

Deuteranomaly
85, 4.766, 19.640

Tritanomaly
85, 4.843, 259.898

Monochromacy



Original Color
85, 5.444, 156.677

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.792, 163.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.444, 156.677 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(204, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 208)  
}
```

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(204, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.444, 156.677 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(204, 215, 208) }
```

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

```
.border{ border-color:rgb(204, 215, 208) }
```

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

Here you see how a box with a 4 pixel rgb(204, 215, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.444, 156.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 208) }
```

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

```
.background{ background-color: rgb(204,  
215, 208) }
```

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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