

Converting Colors

CIELCh(85, 69.297, 158.626)

Have a look what the booklet for
CIELCh(85, 69.297, 158.626)
contains.

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Color

CIELCh(85, 69.247, 158.644)

Conversions

Conversions Part 1

Format	Color
Hex	24F1A2
RGB	36, 241, 162
RGB Percent	14%, 95%, 64%
CMY	0.8572, 0.0542, 0.3641
CMYK	0.85, 0.00, 0.33, 0.05
HSL	157°, 88%, 54%
HSV	157°, 85%, 95%
XYZ	38.7822, 66.0070, 44.9507
YIQ	170.6990, -96.8210, -68.0290

Conversions

Conversions Part 2

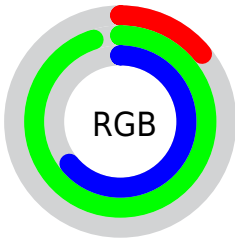
Format	Color
R_{YB}	36, 163, 241
Decimal	2421154
CIE Lab	85.00, -64.49, 25.22
CIE LCh	85, 69.247, 158.644
Yxy	66.0070, 0.2590, 0.4408
Android (android.graphics.Color)	4280611234 (0xFF24F1A2)
YUV	170.6990, -4.2886, -118.1310
Hunter-Lab	81.2447, -56.9712, 24.0676

Details

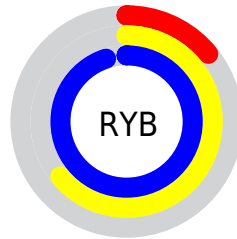
The CIELCh color **85, 69.247, 158.644** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **53, 77.072, 6.649**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 46.447, 171.415**, and **66, 62.080, 154.862** is the 20% darker color. If you saturate the color by 10%, you get **85, 73.744, 156.423**, and if you desaturate by 10%, it is **85, 63.841, 160.658**.

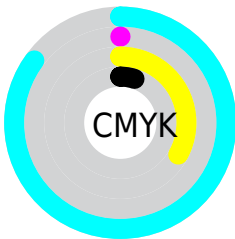
Distribution



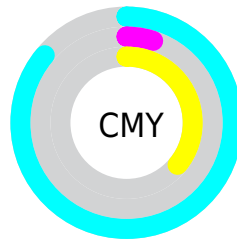
- Red (14%)
- Green (95%)
- Blue (64%)



- Red (14%)
- Yellow (64%)
- Blue (95%)



- Cyan (85%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)




- Cyan (86%)
- Magenta (5%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 69.247, 158.644 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, 69.247, 158.644 by changing the saturation by 10% instead.


 85, 69.247,
158.644

 85, 69.247,
158.644


 100, 69.247,
158.644

 75, 69.247,
158.644

 65, 69.247,
158.644

 55, 69.247,
158.644

 45, 69.247,
158.644

 35, 69.247,
158.644

 25, 69.247,
158.644

 15, 69.247,

158.644

■ 5, 69.247, 158.644

■ 0, 69.247, 158.644

■ 85, 69.247,
158.644

■ 85, 69.247,
158.644

■ 85, 73.744,
156.423

■ 85, 63.841,
160.658

■ 85, 75.797,
155.260

■ 86, 57.474,
162.458

■ 87, 50.189,
164.058

■ 88, 42.097,
165.480

■ 89, 33.348,

166.751

■ 91, 24.109,
167.896

■ 92, 14.544,
168.943

■ 94, 4.798, 169.960

■ 96, 5.003, 350.622

Harmonies

Complementary

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



85, 69.247, 158.644



53, 77.072, 6.649

Rectangle

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



85, 69.247, 158.644



85, 69.247, 208.644



85, 69.247, 338.644



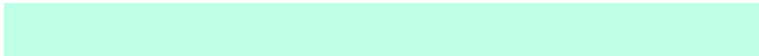
85, 69.247, 28.644

Sweetspot

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



85, 69.247, 158.644



95, 25.318, 167.877



86, 101.211, 129.894



50, 17.203, 167.486



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, 69.247, 158.644



89, 79.174, 155.185



81, 41.967, 212.027



49, 5.530, 169.487



66, 61.296, 155.689



20, 25.080, 159.396

Inverse Universe

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



53, 77.072, 6.649



54, 85.298, 14.209



54, 87.021, 38.708



47, 5.644, 351.112



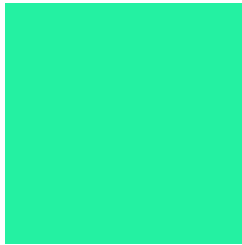
39, 66.447, 13.009



8, 28.805, 4.518

Previews

White Background



This preview shows how the CIELCh color 85, 69.247, 158.644 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, 69.247, 158.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

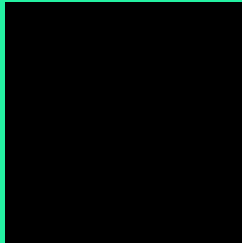
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 69.247, 158.644

Background



This preview shows how black text looks on a background with the CIELCh color 85, 69.247, 158.644.

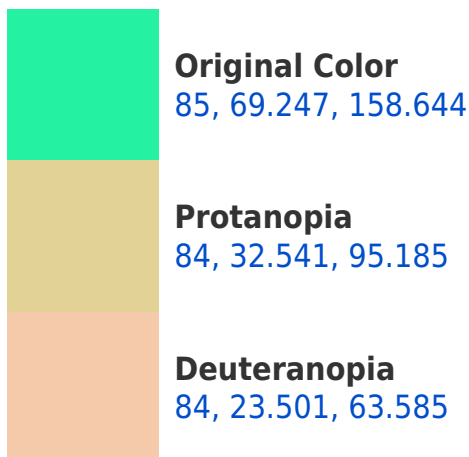


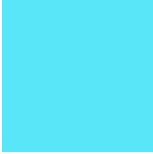
This preview shows how white text looks on a background with the CIELCh color 85, 69.247, 158.644.

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, 38.004, 212.552

Trichromacy



Original Color
85, 69.247, 158.644



Protanomaly
83, 42.288, 140.886



Deuteranomaly
82, 30.836, 142.479

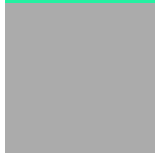


Tritanomaly
85, 45.469, 184.957

Monochromacy



Original Color
85, 69.247, 158.644



Achromatopsia
70, 0.009, 296.813



Achromatomaly
74, 30.743, 166.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 69.247, 158.644 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(36, 241, 162)` looks like.

```
.text, #text, p{  
    color:rgb(36, 241, 162)  
}
```

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(36, 241, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 241, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 69.247, 158.644 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(36, 241, 162) }
```

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

```
.border{ border-color:rgb(36, 241, 162) }
```

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

Here you see how a box with a 4 pixel rgb(36, 241, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 241, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 241, 162);  
box-shadow:4px 4px 4px 4px rgb(36, 241,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 69.247, 158.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 241, 162) }
```

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

```
.background{ background-color: rgb(36, 241,  
162) }
```

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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