

Converting Colors

CIELCh(86, 25.339, 196.063)

Have a look what the booklet for
CIELCh(86, 25.339, 196.063)
contains.

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Color

CIELCh(86, 25.442, 195.323)

Conversions

Conversions Part 1

Format	Color
Hex	96E5E3
RGB	150, 229, 227
RGB Percent	59%, 90%, 89%
CMY	0.4122, 0.1024, 0.1103
CMYK	0.35, 0.00, 0.01, 0.10
HSL	178°, 60%, 74%
HSV	178°, 35%, 90%
XYZ	54.3929, 67.9871, 82.8453
YIQ	205.1510, -46.4420, -17.3700

Conversions

Conversions Part 2

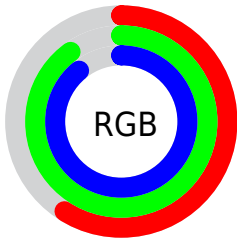
Format	Color
RYB	150, 190, 229
Decimal	9889251
CIELab	86.00, -24.54, -6.72
CIELCh	86, 25.442, 195.323
Yxy	67.9871, 0.2650, 0.3313
Android (android.graphics.Color)	4288079331 (0xFF96E5E3)
YUV	205.1510, 10.7716, -48.3674
Hunter-Lab	82.4543, -26.5434, -1.8532

Details

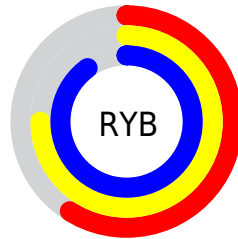
The CIELCh color **86, 25.442, 195.323** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 32.009, 20.614**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **66, 25.223, 196.066** is the 20% darker color. If you saturate the color by 10%, you get **85, 31.368, 194.808**, and if you desaturate by 10%, it is **87, 18.759, 195.871**.

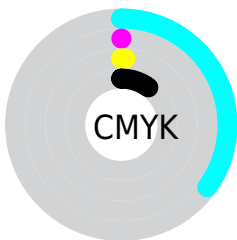
Distribution



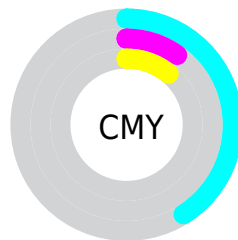
- Red (59%)
- Green (90%)
- Blue (89%)



- Red (59%)
- Yellow (75%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)





- Cyan (41%)
- Magenta (10%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 25.442, 195.323 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 86, 25.442, 195.323 by changing the saturation by 10% instead.


 86, 25.442,
195.323


 86, 25.442,
195.323


 100, 25.442,
195.323


 76, 25.442,
195.323

 66, 25.442,
195.323

 56, 25.442,
195.323

 46, 25.442,
195.323

 36, 25.442,
195.323


 26, 25.442,
195.323


 16, 25.442,


195.323


 6, 25.442, 195.323


 0, 25.442, 195.323


 86, 25.442,
195.323

 86, 25.442,
195.323

 85, 31.368,
194.808

 87, 18.759,
195.871

 84, 36.415,
194.334

 89, 11.449,
196.467

 84, 40.493,
193.895

 90, 3.648, 197.183

 83, 43.555,
193.486

 92, 4.521, 17.507

 83, 45.613,

 93, 9.489, 17.225

193.099

93, 9.500, 15.433

83, 46.751,
192.723

93, 9.521, 13.648

83, 47.112,
192.519

93, 9.551, 11.872

93, 9.591, 10.109

Harmonies

Complementary

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



86, 25.442, 195.323



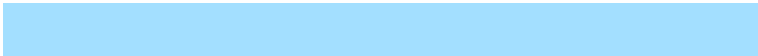
70, 32.009, 20.614

Rectangle

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



86, 25.442, 195.323



86, 25.442, 245.323



86, 25.442, 15.323



86, 25.442, 65.323

Sweetspot

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



86, 25.442, 195.320



98, 8.710, 196.755



84, 49.855, 141.158



52, 5.921, 196.661



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 25.442, 195.320



94, 32.034, 194.971



76, 23.429, 257.274



47, 4.548, 196.796



66, 39.103, 192.580



18, 16.356, 193.156

Inverse Universe

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



70, 32.009, 20.614



73, 42.416, 21.678



79, 26.374, 67.618



45, 4.816, 17.884



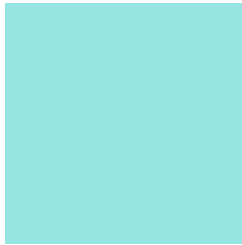
37, 78.860, 38.929



6, 27.020, 20.716

Previews

White Background



This preview shows how the CIE LCh color 86, 25.442, 195.323 looks on a white background.

Color Contrast Check

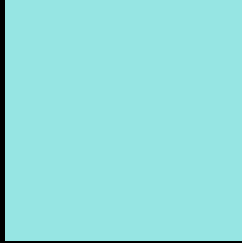
Large Text (above 18pt) WCAG AA × Fail

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 86, 25.442, 195.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

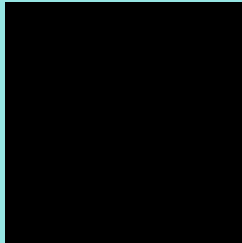
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 25.442, 195.323

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.442, 195.323.



This preview shows how white text looks on a background with the CIELCh color 86, 25.442, 195.323.

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
86, 23.964, 221.464

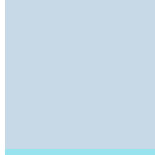
Trichromacy



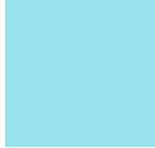
Original Color
86, 25.442, 195.323



Protanomaly
86, 9.072, 205.512



Deuteranomaly
85, 9.280, 251.781

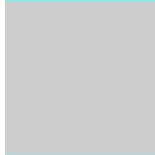


Tritanomaly
86, 23.804, 212.082

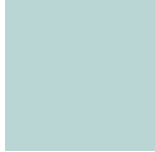
Monochromacy



Original Color
86, 25.442, 195.323



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 10.164, 195.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.442, 195.323 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(150, 229, 227)` looks like.

```
.text, #text, p{  
    color:rgb(150, 229, 227)  
}
```

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(150, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 229, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.442, 195.323 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(150, 229, 227) }
```

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

```
.border{ border-color:rgb(150, 229, 227) }
```

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

Here you see how a box with a 4 pixel rgb(150, 229, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(150, 229,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.442, 195.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 229, 227) }
```

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

```
.background{ background-color: rgb(150,  
229, 227) }
```

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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