

Converting Colors

CIELCh(91, 26.252, 177.854)

Have a look what the booklet for
CIELCh(91, 26.252, 177.854)
contains.

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Color

CIELCh(91, 26.586, 177.059)

Conversions

Conversions Part 1

Format	Color
Hex	AAF4E2
RGB	170, 244, 226
RGB Percent	67%, 96%, 89%
CMY	0.3346, 0.0444, 0.1150
CMYK	0.30, 0.00, 0.07, 0.04
HSL	165°, 77%, 81%
HSV	165°, 30%, 96%
XYZ	62.4403, 78.4833, 83.5734
YIQ	219.8220, -38.3260, -21.2860

Conversions

Conversions Part 2

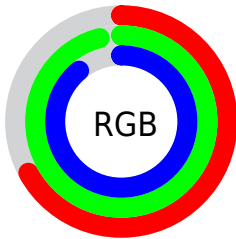
Format	Color
RYB	170, 212, 244
Decimal	11203810
CIELab	91.00, -26.55, 1.36
CIELCh	91, 26.586, 177.059
Yxy	78.4833, 0.2781, 0.3496
Android (android.graphics.Color)	4289393890 (0xFFAAF4E2)
YUV	219.8220, 3.0458, -43.6939
Hunter-Lab	88.5908, -29.2241, 6.0815

Details

The CIELCh color **91, 26.586, 177.059** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 29.708, 3.463**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **71, 26.819, 176.969** is the 20% darker color. If you saturate the color by 10%, you get **90, 34.464, 175.922**, and if you desaturate by 10%, it is **92, 18.173, 178.112**.

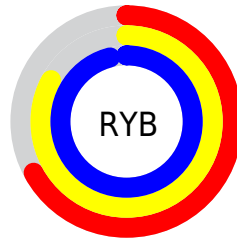
Distribution



Red (67%)

Green (96%)

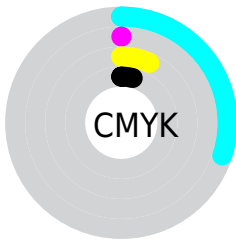
Blue (89%)



Red (67%)

Yellow (83%)

Blue (96%)

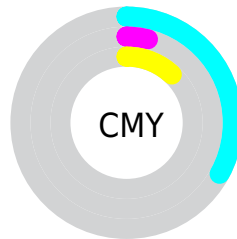


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (33%)


Magenta (4%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 26.586, 177.059 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 91, 26.586, 177.059 by changing the saturation by 10% instead.


 91, 26.586,
177.059


 91, 26.586,
177.059


 100, 26.586,
177.059


 81, 26.586,
177.059

 71, 26.586,
177.059

 61, 26.586,
177.059

 51, 26.586,
177.059

 41, 26.586,
177.059

 31, 26.586,
177.059

 21, 26.586,

177.059

■ 11, 26.586,
177.059

■ 1, 26.586, 177.059

■ 91, 26.586,
177.059

■ 91, 26.586,
177.059

■ 90, 34.464,
175.922

■ 92, 18.173,
178.112

■ 89, 41.649,
174.687

■ 94, 9.374, 179.119

■ 88, 47.999,
173.327

■ 96, 0.328, 181.733

■ 97, 4.972, 343.704

■ 87, 53.404,
171.816

■ 97, 7.057, 324.643

■ 87, 57.812,
170.131

■ 86, 61.251,
168.258

■ 86, 63.832,
166.308

Harmonies

Complementary

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



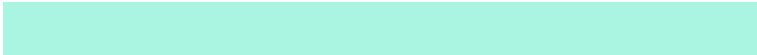
91, 26.586, 177.059



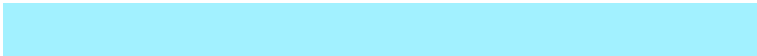
77, 29.708, 3.463

Rectangle

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



91, 26.586, 177.059



91, 26.586, 227.059



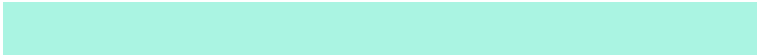
91, 26.586, 357.059



91, 26.586, 47.059

Sweetspot

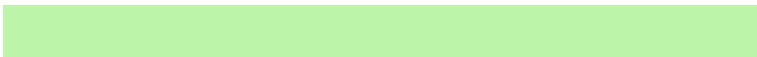
The Sweet Spot groups the original color and five complimentary colors.



91, 26.587, 177.057



98, 8.456, 179.255



91, 43.177, 135.760



52, 5.867, 179.108



0, 0.000, 0.000



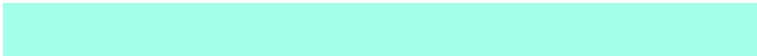
53, 0.007, 296.813

Same Dimension

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



91, 26.587, 177.057



94, 32.262, 176.419



86, 19.924, 227.693



50, 5.164, 179.208



67, 51.880, 166.679



21, 22.135, 169.727

Inverse Universe

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



77, 29.708, 3.463



77, 36.874, 4.355



81, 24.374, 44.370



48, 5.338, 0.860



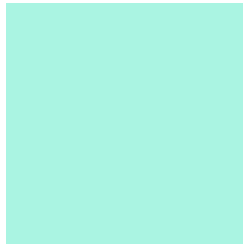
39, 71.406, 26.069



9, 29.839, 14.547

Previews

White Background



This preview shows how the CIE LCh color 91, 26.586, 177.059 looks on a white background.

Color Contrast Check

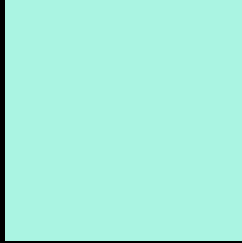
Large Text (above 18pt) WCAG AA × Fail

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 91, 26.586, 177.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

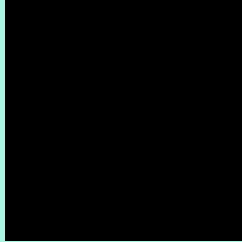
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

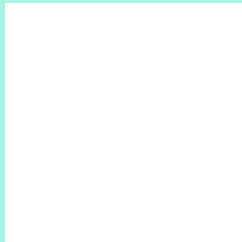
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 26.586, 177.059

Background



This preview shows how black text looks on a background with the CIELCh color 91, 26.586, 177.059.



This preview shows how white text looks on a background with the CIELCh color 91, 26.586, 177.059.

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



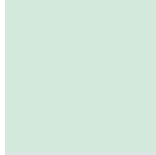


Tritanopia
91, 19.417, 225.587

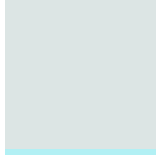
Trichromacy



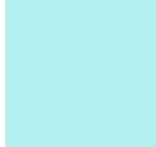
Original Color
91, 26.586, 177.059



Protanomaly
90, 10.396, 158.365



Deuteranomaly
90, 3.230, 190.120

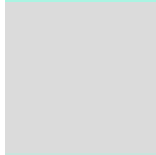


Tritanomaly
91, 20.212, 204.074

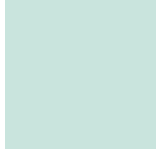
Monochromacy



Original Color
91, 26.586, 177.059



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 10.220, 177.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 26.586, 177.059 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(170, 244, 226)` looks like.

```
.text, #text, p{  
    color:rgb(170, 244, 226)  
}
```

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(170, 244, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 244, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 26.586, 177.059 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(170, 244, 226) }
```

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

```
.border{ border-color:rgb(170, 244, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 244, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 244, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 244, 226);  
box-shadow:4px 4px 4px 4px rgb(170, 244,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 26.586, 177.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 244, 226) }
```

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

```
.background{ background-color: rgb(170,  
244, 226) }
```

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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