

Converting Colors

CIELCh(90, 33.900, 182.612)

Have a look what the booklet for
CIELCh(90, 33.900, 182.612)
contains.

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Color

CIELCh(90, 34.230, 182.152)

Conversions

Conversions Part 1

Format	Color
Hex	8DF5E4
RGB	141, 245, 228
RGB Percent	55%, 96%, 89%
CMY	0.4484, 0.0406, 0.1072
CMYK	0.43, 0.00, 0.07, 0.04
HSL	170°, 83%, 76%
HSV	170°, 43%, 96%
XYZ	57.4244, 76.3034, 84.8467
YIQ	211.9660, -56.5270, -27.3350

Conversions

Conversions Part 2

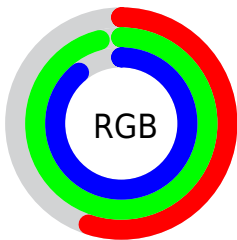
Format	Color
R_{YB}	141, 198, 245
Decimal	9303524
CIE _{Lab}	90.00, -34.21, -1.29
CIE _{LCh}	90, 34.230, 182.152
Yxy	76.3034, 0.2627, 0.3491
Android (android.graphics.Color)	4287493604 (0xFF8DF5E4)
YUV	211.9660, 7.9048, -62.2372
Hunter-Lab	87.3518, -35.5211, 3.5566

Details

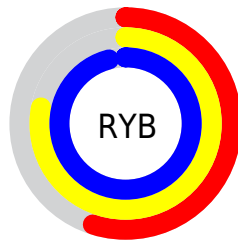
The CIELCh color **90, 34.230, 182.152** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 42.074, 11.513**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **70, 33.980, 182.660** is the 20% darker color. If you saturate the color by 10%, you get **89, 40.616, 181.072**, and if you desaturate by 10%, it is **91, 27.050, 183.160**.

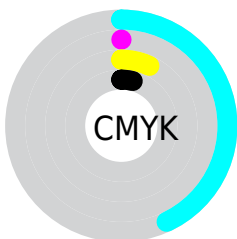
Distribution



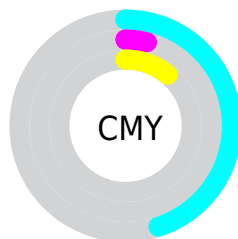
- Red (55%)
- Green (96%)
- Blue (89%)



- Red (55%)
- Yellow (78%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (45%)
- Magenta (4%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 34.230, 182.152 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 90, 34.230, 182.152 by changing the saturation by 10% instead.


 90, 34.230,
182.152


 90, 34.230,
182.152


 100, 34.230,
182.152


 80, 34.230,
182.152


 70, 34.230,
182.152

 60, 34.230,
182.152

 50, 34.230,
182.152

 40, 34.230,
182.152

 30, 34.230,
182.152

 20, 34.230,

182.152

■ 10, 34.230,
182.152

■ 0, 34.230, 182.152

■ 90, 34.230,
182.152

■ 90, 34.230,
182.152

■ 89, 40.616,
181.072

■ 91, 27.050,
183.160

■ 88, 46.079,
179.905

■ 93, 19.221,
184.119

■ 88, 50.533,
178.627

■ 94, 10.895,
185.049

■ 87, 53.952,
177.215

■ 96, 2.215, 186.138

■ 97, 3.979, 356.940

■ 87, 56.394,
175.651

■ 97, 5.128, 335.495

■ 87, 57.739,
174.401

■ 97, 6.447, 324.618

Harmonies

Complementary

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



90, 34.230, 182.152



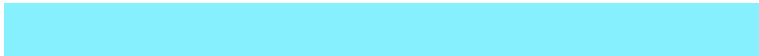
70, 42.074, 11.513

Rectangle

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



90, 34.230, 182.152



90, 34.230, 232.152



90, 34.230, 2.152



90, 34.230, 52.152

Sweetspot

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



90, 34.231, 182.150



98, 11.699, 185.001



89, 61.799, 137.249



52, 8.154, 184.796



0, 0.000, 0.000



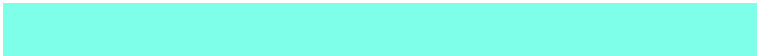
53, 0.007, 296.813

Same Dimension

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



90, 34.231, 182.150



92, 41.045, 181.227



81, 27.146, 241.439



50, 4.976, 185.333



68, 46.870, 174.708



21, 20.292, 177.159

Inverse Universe

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



70, 42.074, 11.513



68, 52.812, 13.352



77, 34.966, 52.690



48, 5.189, 6.883



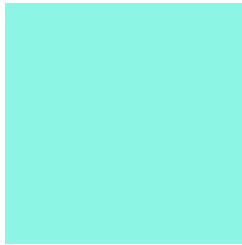
39, 75.181, 32.093



8, 30.144, 18.323

Previews

White Background



This preview shows how the CIELCh color 90, 34.230, 182.152 looks on a white background.

Color Contrast Check

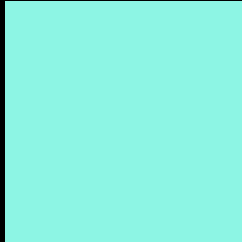
Large Text (above 18pt) WCAG AA × Fail

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 90, 34.230, 182.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

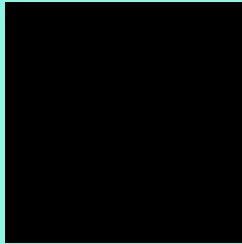
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

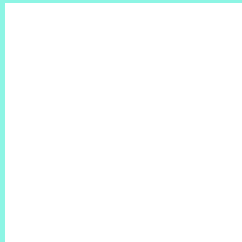
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 34.230, 182.152

Background



This preview shows how black text looks on a background with the CIELCh color 90, 34.230, 182.152.

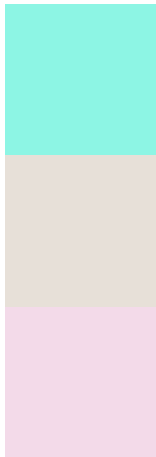


This preview shows how white text looks on a background with the CIELCh color 90, 34.230, 182.152.

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
90, 34.230, 182.152

Protanopia
90, 4.850, 78.054

Deuteranopia
89, 11.906, 339.383

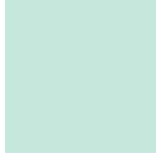


Tritanopia
90, 24.780, 219.089

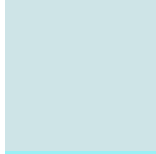
Trichromacy



Original Color
90, 34.230, 182.152



Protanomaly
89, 13.555, 171.064

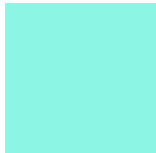


Deuteranomaly
89, 7.744, 210.646

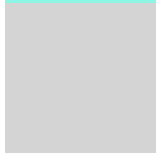


Tritanomaly
90, 26.837, 203.330

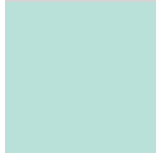
Monochromacy



Original Color
90, 34.230, 182.152



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 13.613, 185.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 34.230, 182.152 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(141, 245, 228)` looks like.

```
.text, #text, p{  
    color:rgb(141, 245, 228)  
}
```

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(141, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 245, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 34.230, 182.152 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(141, 245, 228) }
```

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

```
.border{ border-color:rgb(141, 245, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 245, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(141, 245,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 34.230, 182.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 245, 228) }
```

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

```
.background{ background-color: rgb(141,  
245, 228) }
```

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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