

Converting Colors

CIELCh(95, 24.758, 193.014)

Have a look what the booklet for
CIELCh(95, 24.758, 193.014)
contains.

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Color

CIElCh(95, 25.005, 191.921)

Conversions

Conversions Part 1

Format	Color
Hex	B2FFFA
RGB	178, 255, 250
RGB Percent	70%, 100%, 98%
CMY	0.3032, 0.0013, 0.0209
CMYK	0.30, 0.00, 0.02, 0.00
HSL	176°, 99%, 85%
HSV	176°, 30%, 100%
XYZ	71.1452, 87.6183, 103.3361
YIQ	231.4070, -44.2870, -17.8790

Conversions

Conversions Part 2

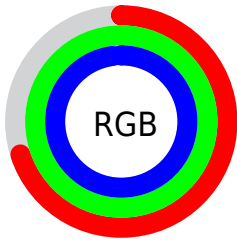
Format	Color
RYB	178, 218, 255
Decimal	11730938
CIELab	95.00, -24.47, -5.17
CIElCh	95, 25.005, 191.921
Yxy	87.6183, 0.2714, 0.3343
Android (android.graphics.Color)	4289921018 (0xFFB2FFFA)
YUV	231.4070, 9.1663, -46.8379
Hunter-Lab	93.6047, -28.1373, 0.0693

Details

The CIELCh color **95, 25.005, 191.921** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 30.031, 17.014**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **75, 25.019, 192.541** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.002, 191.220**, and if you desaturate by 10%, it is **96, 17.275, 192.626**.

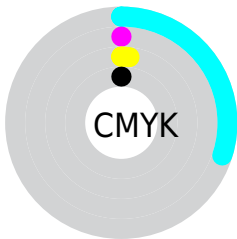
Distribution



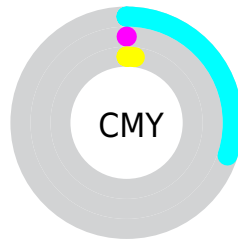
- Red (70%)
- Green (100%)
- Blue (98%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.005, 191.921 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 95, 25.005, 191.921 by changing the saturation by 10% instead.


 95, 25.005,
191.921


 95, 25.005,
191.921


 100, 25.005,
191.921


 85, 25.005,
191.921

 75, 25.005,
191.921

 65, 25.005,
191.921

 55, 25.005,
191.921

 45, 25.005,
191.921

 35, 25.005,
191.921

 25, 25.005,

191.921

■ 15, 25.005,
191.921

■ 5, 25.005, 191.921

■ 95, 25.005,
191.921

■ 95, 25.005,
191.921

■ 94, 32.002,
191.220

■ 96, 17.275,
192.626

■ 93, 38.117,
190.526

■ 98, 8.959, 193.364

■ 92, 43.230,
189.826

100, 0.205,
197.176

■ 91, 47.256,
189.110

100, 0.212,
322.987

■ 91, 50.174,
188.363

■ 91, 52.036,
187.570

■ 91, 53.038,
186.746

Harmonies

Complementary

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



95, 25.005, 191.921



80, 30.031, 17.014

Rectangle

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



95, 25.005, 191.921



95, 25.005, 241.921



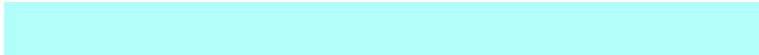
95, 25.005, 11.921



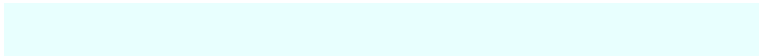
95, 25.005, 61.921

Sweetspot

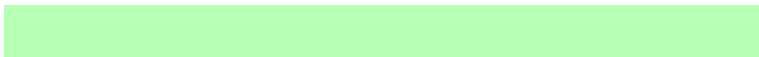
The Sweet Spot groups the original color and five complimentary colors.



95, 25.006, 191.918



98, 7.910, 193.461



94, 47.204, 140.702



52, 5.479, 193.347



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

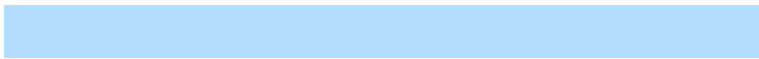
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.006, 191.918



94, 29.170, 191.514



86, 21.857, 252.386



52, 4.991, 193.421



70, 42.712, 186.901



24, 19.497, 187.984

Inverse Universe

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



80, 30.031, 17.014



76, 36.442, 17.872



87, 24.664, 64.496



50, 5.265, 14.693



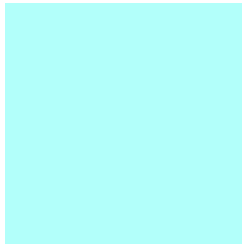
40, 81.537, 37.544



10, 32.851, 24.560

Previews

White Background



This preview shows how the CIE LCh color 95, 25.005, 191.921 looks on a white background.

Color Contrast Check

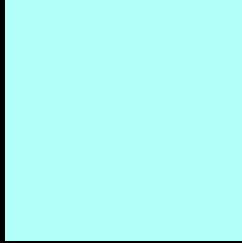
Large Text (above 18pt) WCAG AA × Fail

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 95, 25.005, 191.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

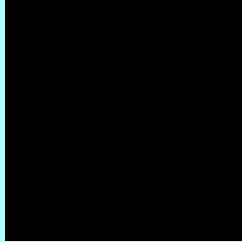
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

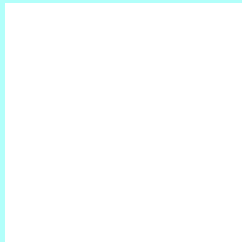
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.005, 191.921

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.005, 191.921.

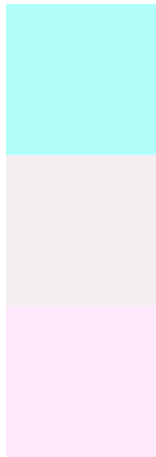


This preview shows how white text looks on a background with the CIELCh color 95, 25.005, 191.921.

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
95, 25.005, 191.921

Protanopia
95, 2.376, 353.689

Deuteranopia
95, 12.908, 327.472

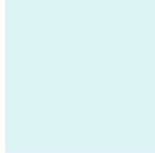


Tritanopia
95, 10.881, 227.192

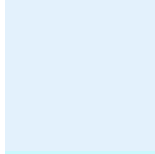
Trichromacy



Original Color
95, 25.005, 191.921



Protanomaly
95, 8.249, 198.944



Deuteranomaly
94, 7.328, 249.938

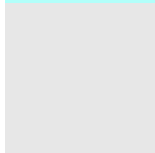


Tritanomaly
95, 15.635, 206.069

Monochromacy



Original Color
95, 25.005, 191.921



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.720, 192.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.005, 191.921 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(178, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 250)  
}
```

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(178, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.005, 191.921 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(178, 255, 250) }
```

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

```
.border{ border-color:rgb(178, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.005, 191.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 250) }
```

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

```
.background{ background-color: rgb(178,  
255, 250) }
```

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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