

Converting Colors

CIELCh(95, 22.703, 198.018)

Have a look what the booklet for
CIELCh(95, 22.703, 198.018)
contains.

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Color

CIElCh(95, 22.574, 198.018)

Conversions

Conversions Part 1

Format	Color
Hex	B7DFDF
RGB	183, 253, 253
RGB Percent	72%, 99%, 99%
CMY	0.2814, 0.0068, 0.0068
CMYK	0.28, 0.00, 0.00, 0.01
HSL	180°, 95%, 86%
HSV	180°, 28%, 99%
XYZ	72.5644, 87.6183, 106.2293
YIQ	232.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

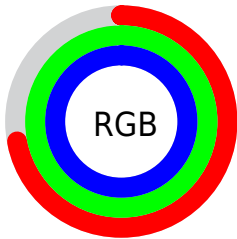
Format	Color
R _{YB}	183, 218, 253
Decimal	12058109
CIE _{Lab}	95.00, -21.47, -6.98
CIE _{LCh}	95, 22.574, 198.018
Yxy	87.6183, 0.2724, 0.3289
Android (android.graphics.Color)	4290248189 (0xFFB7FDFD)
YUV	232.0700, 10.3185, -43.0344
Hunter-Lab	93.6047, -25.4310, -1.7633

Details

The CIELCh color **95, 22.574, 198.018** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 27.280, 21.658**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **75, 22.410, 197.733** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.482, 197.587**, and if you desaturate by 10%, it is **96, 14.913, 198.503**.

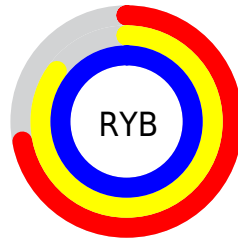
Distribution



Red (72%)

Green (99%)

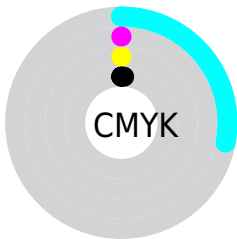
Blue (99%)



Red (72%)

Yellow (85%)

Blue (99%)

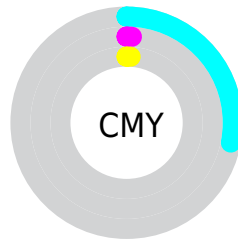


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (1%)



Cyan (28%)


Magenta (1%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 22.574, 198.018 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, 22.574, 198.018 by changing the saturation by 10% instead.


 95, 22.574,
198.018


 95, 22.574,
198.018


 100, 22.574,
198.018


 85, 22.574,
198.018

 75, 22.574,
198.018

 65, 22.574,
198.018

 55, 22.574,
198.018

 45, 22.574,
198.018

 35, 22.574,
198.018

 25, 22.574,

198.018

■ 15, 22.574,
198.018

■ 5, 22.574, 198.018

■ 95, 22.574,
198.018

■ 95, 22.574,
198.018

■ 94, 29.482,
197.587

■ 96, 14.913,
198.503

■ 93, 35.495,
197.223

■ 98, 6.642, 199.077

■ 100, 0.610, 18.349

■ 92, 40.497,
196.925

■ 100, 0.610, 18.285

■ 91, 44.409,
196.695

■ 100, 0.610, 18.222

91, 47.206,
196.532

100, 0.610, 18.158

100, 0.610, 18.095

91, 48.936,
196.432

100, 0.610, 18.031

91, 49.737,
196.385

100, 0.610, 17.968

91, 49.858,
196.378

Harmonies

Complementary

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



95, 22.574, 198.018



81, 27.280, 21.658

Rectangle

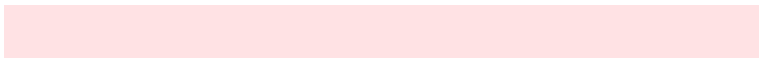
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 22.574, 198.018



95, 22.574, 248.018



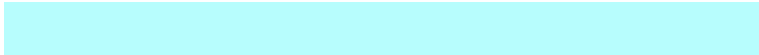
95, 22.574, 18.018



95, 22.574, 68.018

Sweetspot

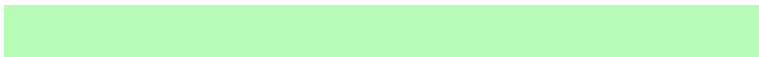
The Sweet Spot groups the original color and five complimentary colors.



95, 22.575, 198.014



99, 6.985, 199.054



93, 43.690, 142.130



52, 4.945, 198.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

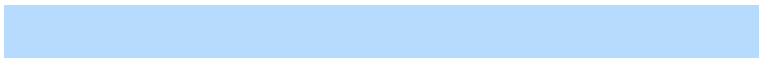
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.575, 198.014



95, 26.524, 197.777



86, 20.833, 257.847



52, 4.945, 198.958



70, 40.366, 196.378



24, 18.570, 196.379

Inverse Universe

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



81, 27.280, 21.658



78, 33.409, 22.333



89, 22.673, 70.196



49, 5.254, 19.939



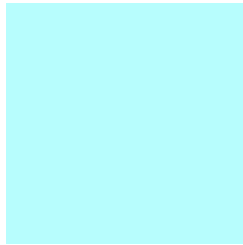
40, 84.227, 39.998



10, 33.367, 27.174

Previews

White Background



This preview shows how the CIE LCh color 95, 22.574, 198.018 looks on a white background.

Color Contrast Check

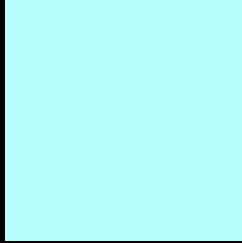
Large Text (above 18pt) WCAG AA × Fail

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, 22.574, 198.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

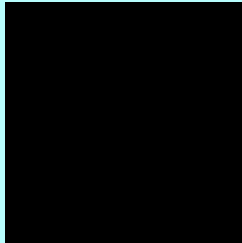
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 22.574, 198.018

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.574, 198.018.



This preview shows how white text looks on a background with the CIELCh color 95, 22.574, 198.018.

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



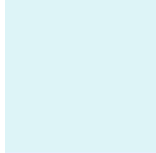


Tritanopia
95, 10.597, 228.035

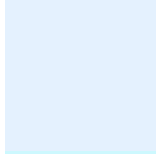
Trichromacy



Original Color
95, 22.574, 198.018



Protanomaly
95, 7.988, 210.148



Deuteranomaly
95, 7.938, 256.828

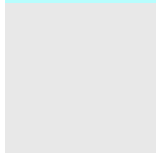


Tritanomaly
95, 14.504, 210.906

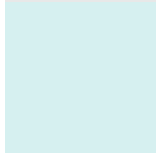
Monochromacy



Original Color
95, 22.574, 198.018



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.941, 198.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 22.574, 198.018 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(183, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(183, 253, 253)  
}
```

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(183, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 253, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 22.574, 198.018 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(183, 253, 253) }
```

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

```
.border{ border-color:rgb(183, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(183, 253,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 22.574, 198.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 253, 253) }
```

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

```
.background{ background-color: rgb(183,  
253, 253) }
```

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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