

Converting Colors

CIELCh(93, 20.581, 198.101)

Have a look what the booklet for
CIELCh(93, 20.581, 198.101)
contains.

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Color

CIELCh(93, 20.585, 198.115)

Conversions

Conversions Part 1

Format	Color
Hex	B7F6F6
RGB	183, 246, 246
RGB Percent	72%, 96%, 96%
CMY	0.2807, 0.0336, 0.0336
CMYK	0.26, 0.00, 0.00, 0.03
HSL	180°, 79%, 84%
HSV	180°, 26%, 97%
XYZ	69.4108, 82.9670, 99.8848
YIQ	227.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

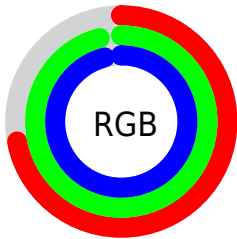
Format	Color
R_{YB}	183, 215, 246
Decimal	12056310
CIE Lab	93.00, -19.56, -6.40
CIE LCh	93, 20.585, 198.115
Yxy	82.9670, 0.2752, 0.3289
Android (android.graphics.Color)	4290246390 (0xFFB7F6F6)
YUV	227.1630, 9.2866, -38.7310
Hunter-Lab	91.0862, -23.3779, -1.2568

Details

The CIELCh color **93, 20.585, 198.115** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 24.483, 21.417**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **73, 20.734, 197.822** is the 20% darker color. If you saturate the color by 10%, you get **92, 27.510, 197.671**, and if you desaturate by 10%, it is **94, 12.955, 198.612**.

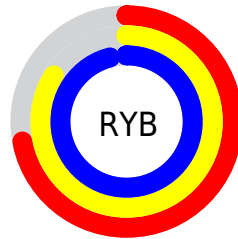
Distribution



Red (72%)

Green (96%)

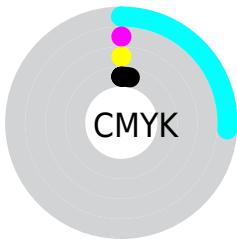
Blue (96%)



Red (72%)

Yellow (84%)

Blue (96%)

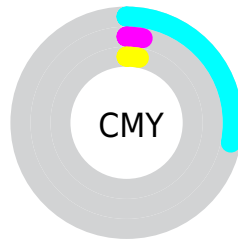


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (3%)



Cyan (28%)


Magenta (3%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 20.585, 198.115 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 93, 20.585, 198.115 by changing the saturation by 10% instead.


 93, 20.585,
198.115


 93, 20.585,
198.115


 100, 20.585,
198.115


 83, 20.585,
198.115

 73, 20.585,
198.115

 63, 20.585,
198.115

 53, 20.585,
198.115

 43, 20.585,
198.115

 33, 20.585,
198.115

 23, 20.585,

198.115

■ 13, 20.585,
198.115

■ 3, 20.585, 198.115

■ 93, 20.585,
198.115

■ 93, 20.585,
198.115

■ 92, 27.510,
197.671

■ 94, 12.955,
198.612

■ 91, 33.588,
197.294

■ 96, 4.759, 199.226

■ 90, 38.701,
196.982

■ 98, 3.032, 19.384

■ 98, 3.032, 19.369

■ 89, 42.761,
196.738

■ 98, 3.032, 19.353

■ 89, 45.733,
196.561

■ 98, 3.032, 19.337

■ 89, 47.645,
196.447

■ 98, 3.032, 19.321

■ 88, 48.606,
196.390

■ 98, 3.032, 19.306

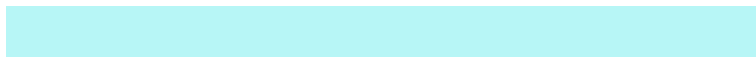
■ 88, 48.836,
196.376

■ 98, 3.032, 19.290

Harmonies

Complementary

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



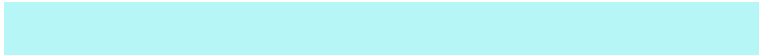
93, 20.585, 198.115



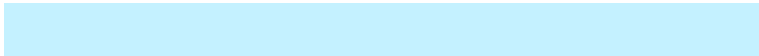
80, 24.483, 21.417

Rectangle

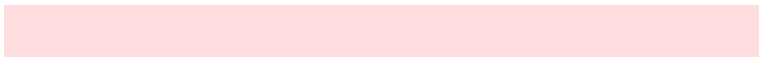
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



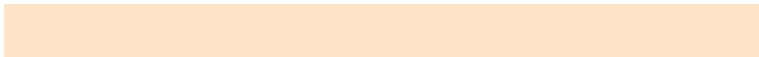
93, 20.585, 198.115



93, 20.585, 248.115



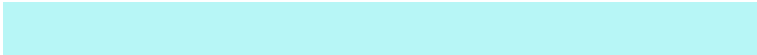
93, 20.585, 18.115



93, 20.585, 68.115

Sweetspot

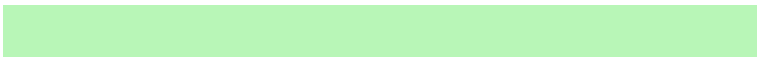
The Sweet Spot groups the original color and five complimentary colors.



93, 20.586, 198.111



99, 6.985, 199.052



92, 39.542, 142.304



52, 4.945, 198.957



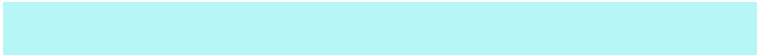
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

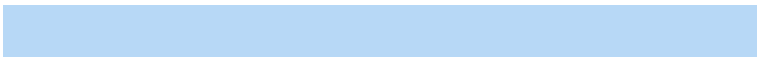
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 20.586, 198.111



95, 25.123, 197.862



85, 18.883, 257.448



50, 4.783, 198.959



69, 39.563, 196.376



22, 17.590, 196.377

Inverse Universe

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



80, 24.483, 21.417



79, 31.155, 22.069



88, 20.403, 70.455



48, 5.080, 19.935



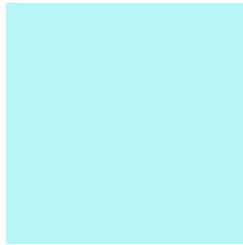
39, 82.547, 39.997



8, 31.024, 25.004

Previews

White Background



This preview shows how the CIE LCh color 93, 20.585, 198.115 looks on a white background.

Color Contrast Check

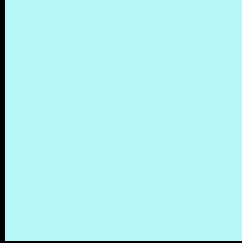
Large Text (above 18pt) WCAG AA × Fail

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 93, 20.585, 198.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

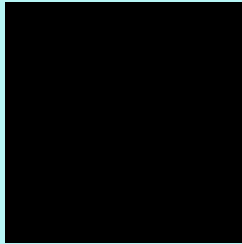
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 20.585, 198.115

Background



This preview shows how black text looks on a background with the CIELCh color 93, 20.585, 198.115.

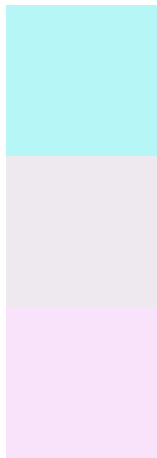


This preview shows how white text looks on a background with the CIELCh color 93, 20.585, 198.115.

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

93, 20.585, 198.115

Protanopia

93, 2.967, 318.825

Deuteranopia

93, 14.227, 323.738

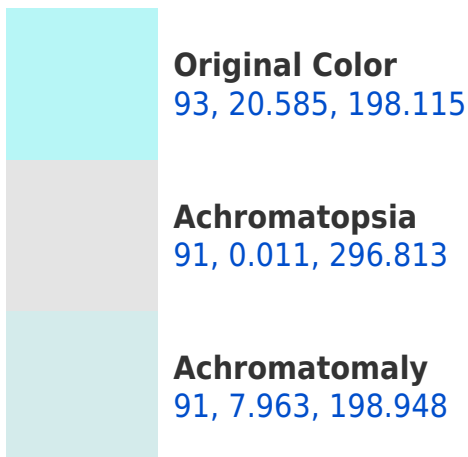


Tritanopia
93, 14.276, 229.291

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 20.585, 198.115 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, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(183, 246, 246)  
}
```

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, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 246, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 20.585, 198.115 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, 246, 246) }
```

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

```
.border{ border-color:rgb(183, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(183, 246,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 20.585, 198.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 246, 246) }
```

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

```
.background{ background-color: rgb(183,  
246, 246) }
```

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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