

Converting Colors

CIELCh(92, 21.290, 198.048)

Have a look what the booklet for
CIELCh(92, 21.290, 198.048)
contains.

CIELCh(92, 21.192, 198.068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 21.192, 198.068)

Conversions

Conversions Part 1

Format	Color
Hex	B3F4F4
RGB	179, 244, 244
RGB Percent	70%, 96%, 96%
CMY	0.2986, 0.0437, 0.0437
CMYK	0.27, 0.00, 0.00, 0.04
HSL	180°, 74%, 83%
HSV	180°, 27%, 96%
XYZ	67.1726, 80.7044, 97.5108
YIQ	224.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

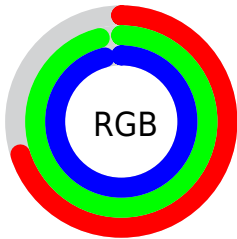
Format	Color
R_{YB}	179, 212, 244
Decimal	11793652
CIE _{Lab}	92.00, -20.15, -6.57
CIE _{LCh}	92, 21.192, 198.068
Y _{xy}	80.7044, 0.2737, 0.3289
Android (android.graphics.Color)	4289983732 (0xFFB3F4F4)
YUV	224.5650, 9.5815, -39.9605
Hunter-Lab	89.8356, -23.7430, -1.4705

Details

The CIELCh color **92, 21.192, 198.068** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 25.408, 21.539**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **72, 21.324, 197.764** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.975, 197.631**, and if you desaturate by 10%, it is **93, 13.695, 198.558**.

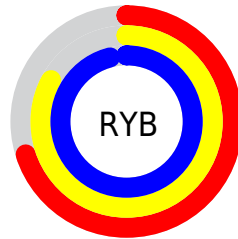
Distribution



Red (70%)

Green (96%)

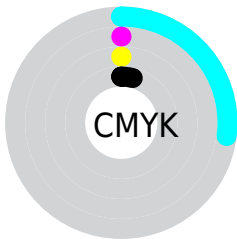
Blue (96%)



Red (70%)

Yellow (83%)

Blue (96%)

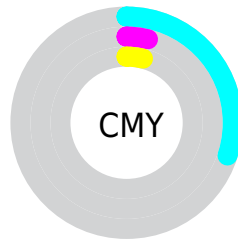


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (30%)


Magenta (4%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 21.192, 198.068 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 92, 21.192, 198.068 by changing the saturation by 10% instead.


 92, 21.192,
198.068


 92, 21.192,
198.068


 100, 21.192,
198.068


 82, 21.192,
198.068

 72, 21.192,
198.068

 62, 21.192,
198.068

 52, 21.192,
198.068

 42, 21.192,
198.068

 32, 21.192,
198.068

 22, 21.192,

198.068

■ 12, 21.192,
198.068

■ 2, 21.192, 198.068

■ 92, 21.192,
198.068

■ 92, 21.192,
198.068

■ 91, 27.975,
197.631

■ 93, 13.695,
198.558

■ 90, 33.906,
197.261

■ 95, 5.622, 199.148

■ 89, 38.868,
196.957

■ 97, 2.892, 19.372

■ 97, 3.956, 19.497

■ 88, 42.782,
196.720

■ 97, 3.956, 19.491

■ 88, 45.616,
196.550

■ 97, 3.956, 19.485

■ 88, 47.408,
196.443

■ 97, 3.956, 19.479

■ 88, 48.275,
196.392

■ 97, 3.956, 19.473

■ 88, 48.449,
196.381

■ 97, 3.956, 19.467

Harmonies

Complementary

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



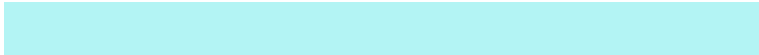
92, 21.192, 198.068



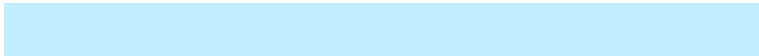
79, 25.408, 21.539

Rectangle

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



92, 21.192, 198.068



92, 21.192, 248.068



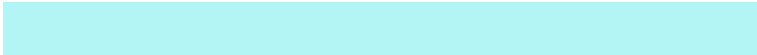
92, 21.192, 18.068



92, 21.192, 68.068

Sweetspot

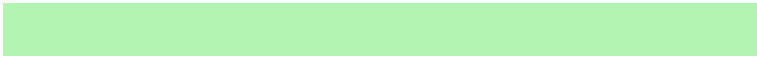
The Sweet Spot groups the original color and five complimentary colors.



92, 21.193, 198.064



99, 6.985, 199.055



91, 40.863, 142.216



52, 4.945, 198.960



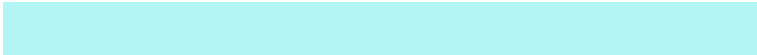
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

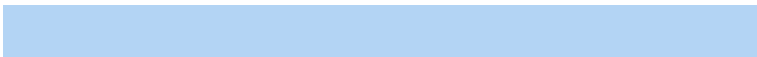
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 21.193, 198.064



95, 25.827, 197.822



84, 19.499, 257.648



50, 4.783, 198.962



69, 39.562, 196.381



22, 17.589, 196.382

Inverse Universe

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



79, 25.408, 21.539



79, 32.279, 22.201



86, 21.145, 70.324



48, 5.080, 19.937



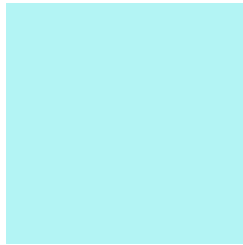
39, 82.549, 39.998



8, 31.024, 25.006

Previews

White Background



This preview shows how the CIE LCh color 92, 21.192, 198.068 looks on a white background.

Color Contrast Check

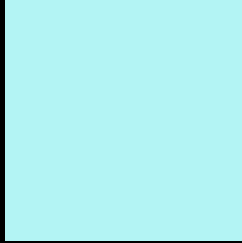
Large Text (above 18pt) WCAG AA × Fail

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 92, 21.192, 198.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

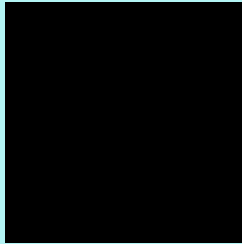
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 21.192, 198.068

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.192, 198.068.

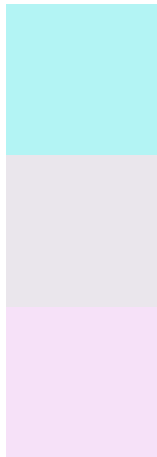


This preview shows how white text looks on a background with the CIELCh color 92, 21.192, 198.068.

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


92, 21.192, 198.068

Protanopia

92, 3.437, 314.718

Deuteranopia

92, 14.062, 322.520

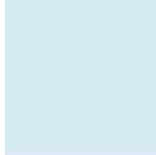


Tritanopia
92, 16.592, 228.703

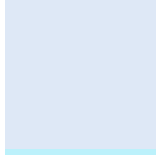
Trichromacy



Original Color
92, 21.192, 198.068



Protanomaly
92, 7.480, 215.136



Deuteranomaly
92, 7.955, 265.235

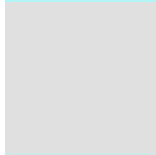


Tritanomaly
92, 17.854, 215.329

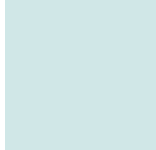
Monochromacy



Original Color
92, 21.192, 198.068



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 7.985, 198.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.192, 198.068 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(179, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(179, 244, 244)  
}
```

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(179, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 244, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.192, 198.068 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(179, 244, 244) }
```

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

```
.border{ border-color:rgb(179, 244, 244) }
```

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

Here you see how a box with a 4 pixel rgb(179, 244, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(179, 244,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.192, 198.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 244, 244) }
```

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

```
.background{ background-color: rgb(179,  
244, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor