

Converting Colors

CIELCh(92, 27.988, 197.660)

Have a look what the booklet for
CIELCh(92, 27.988, 197.660)
contains.

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Color

CIElCh(92, 27.861, 197.659)

Conversions

Conversions Part 1

Format	Color
Hex	9EF7F7
RGB	158, 247, 247
RGB Percent	62%, 97%, 97%
CMY	0.3794, 0.0304, 0.0304
CMYK	0.36, 0.00, 0.00, 0.03
HSL	180°, 85%, 80%
HSV	180°, 36%, 97%
XYZ	64.3177, 80.7044, 100.3900
YIQ	220.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

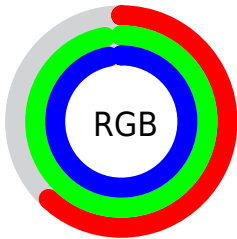
Format	Color
R_{YB}	158, 203, 247
Decimal	10418167
CIE _{Lab}	92.00, -26.55, -8.45
CIE _{LCh}	92, 27.861, 197.659
Y _{xy}	80.7044, 0.2621, 0.3289
Android (android.graphics.Color)	4288608247 (0xFF9EF7F7)
YUV	220.3890, 13.1192, -54.7152
Hunter-Lab	89.8356, -29.4156, -3.3708

Details

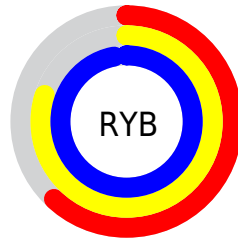
The CIELCh color **92, 27.861, 197.659** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 35.920, 22.747**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **72, 27.779, 198.432** is the 20% darker color. If you saturate the color by 10%, you get **91, 33.917, 197.282**, and if you desaturate by 10%, it is **93, 20.952, 198.093**.

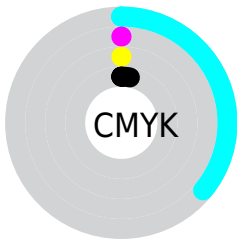
Distribution



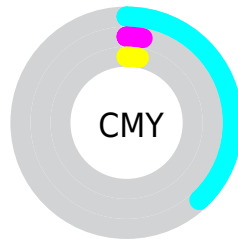
- Red (62%)
- Green (97%)
- Blue (97%)



- Red (62%)
- Yellow (80%)
- Blue (97%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (38%)
- Magenta (3%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 27.861, 197.659 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, 27.861, 197.659 by changing the saturation by 10% instead.


 92, 27.861,
197.659


 92, 27.861,
197.659


 100, 27.861,
197.659


 82, 27.861,
197.659

 72, 27.861,
197.659

 62, 27.861,
197.659

 52, 27.861,
197.659

 42, 27.861,
197.659

 32, 27.861,
197.659

 22, 27.861,

197.659

■ 12, 27.861,
197.659

■ 2, 27.861, 197.659

■ 92, 27.861,
197.659

■ 92, 27.861,
197.659

■ 91, 33.917,
197.282

■ 93, 20.952,
198.093

■ 90, 38.999,
196.973

■ 95, 13.328,
198.592

■ 90, 43.023,
196.732

■ 96, 5.131, 199.195

■ 89, 45.955,
196.558

■ 98, 2.734, 19.343

■ 98, 2.734, 19.333

■ 89, 47.828,
196.447

■ 98, 2.734, 19.322

■ 89, 48.753,
196.392

■ 98, 2.734, 19.311

■ 89, 48.960,
196.380

■ 98, 2.734, 19.301

■ 98, 2.734, 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.



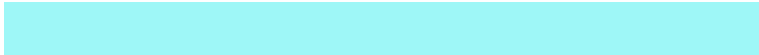
92, 27.861, 197.659



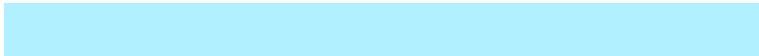
74, 35.920, 22.747

Rectangle

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



92, 27.861, 197.659



92, 27.861, 247.659



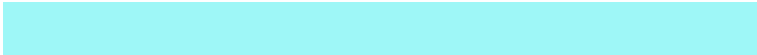
92, 27.861, 17.659



92, 27.861, 67.659

Sweetspot

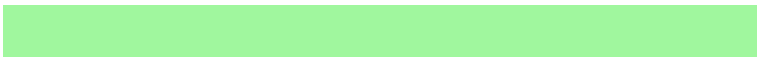
The Sweet Spot groups the original color and five complimentary colors.



92, 27.861, 197.656



98, 9.531, 198.869



90, 55.583, 141.392



52, 6.380, 198.791



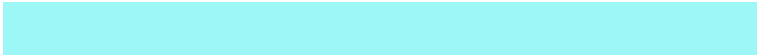
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 27.861, 197.656



94, 33.003, 197.385



80, 26.401, 259.579



50, 4.783, 198.962



69, 39.562, 196.380



22, 17.590, 196.381

Inverse Universe

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



74, 35.920, 22.747



72, 45.059, 23.884



84, 29.578, 69.171



48, 5.080, 19.937



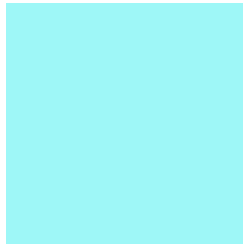
39, 82.549, 39.998



8, 31.024, 25.005

Previews

White Background



This preview shows how the CIE LCh color 92, 27.861, 197.659 looks on a white background.

Color Contrast Check

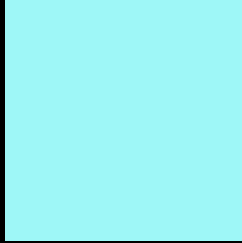
Large Text (above 18pt) WCAG AA × Fail

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, 27.861, 197.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

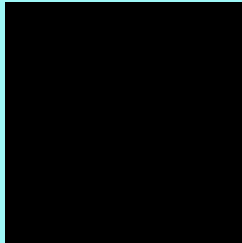
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 27.861, 197.659

Background



This preview shows how black text looks on a background with the CIELCh color 92, 27.861, 197.659.

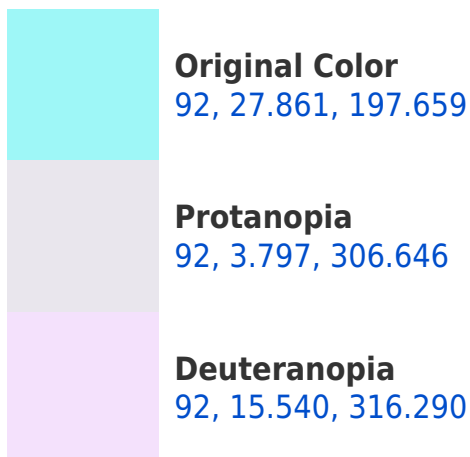


This preview shows how white text looks on a background with the CIELCh color 92, 27.861, 197.659.

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



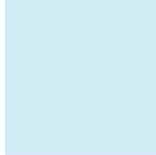


Tritanopia
92, 18.902, 221.062

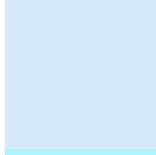
Trichromacy



Original Color
92, 27.861, 197.659



Protanomaly
91, 10.459, 213.200



Deuteranomaly
91, 10.949, 252.901

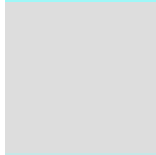


Tritanomaly
92, 21.726, 210.581

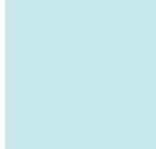
Monochromacy



Original Color
92, 27.861, 197.659



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 11.323, 198.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 27.861, 197.659 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(158, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(158, 247, 247)  
}
```

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(158, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 247, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 27.861, 197.659 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(158, 247, 247) }
```

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

```
.border{ border-color:rgb(158, 247, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 247, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(158, 247,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 27.861, 197.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 247, 247) }
```

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

```
.background{ background-color: rgb(158,  
247, 247) }
```

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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