

Converting Colors

CIELCh(92, 27.294, 205.434)

Have a look what the booklet for
CIELCh(92, 27.294, 205.434)
contains.

CIELCh(92, 27.297, 205.434)	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, 27.297, 205.434)

Conversions

Conversions Part 1

Format	Color
Hex	9FF7FE
RGB	159, 247, 254
RGB Percent	62%, 97%, 100%
CMY	0.3782, 0.0331, 0.0057
CMYK	0.37, 0.03, 0.00, 0.01
HSL	184°, 97%, 81%
HSV	184°, 37%, 99%
XYZ	65.1550, 80.7044, 105.5373
YIQ	221.4860, -54.6950, -16.4790

Conversions

Conversions Part 2

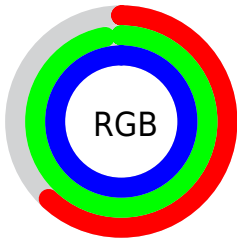
Format	Color
R_{YB}	159, 205, 254
Decimal	10483710
CIE _{Lab}	92.00, -24.65, -11.72
CIE _{LCh}	92, 27.297, 205.434
Yxy	80.7044, 0.2592, 0.3210
Android (android.graphics.Color)	4288673790 (0xFF9FF7FE)
YUV	221.4860, 16.0294, -54.8002
Hunter-Lab	89.8356, -27.7518, -6.7679

Details

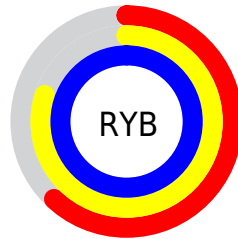
The CIELCh color **92, 27.297, 205.434** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 36.001, 28.372**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **72, 27.202, 205.539** is the 20% darker color. If you saturate the color by 10%, you get **90, 32.871, 205.534**, and if you desaturate by 10%, it is **94, 20.878, 205.465**.

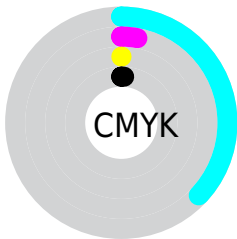
Distribution



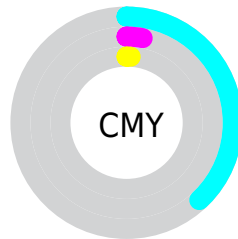
- Red (62%)
- Green (97%)
- Blue (100%)



- Red (62%)
- Yellow (80%)
- Blue (100%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 27.297, 205.434 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, 27.297, 205.434 by changing the saturation by 10% instead.

92, 27.297,
205.434

92, 27.297,
205.434

100, 27.297,
205.434

82, 27.297,
205.434

72, 27.297,
205.434

62, 27.297,
205.434

52, 27.297,
205.434

42, 27.297,
205.434

32, 27.297,
205.434

22, 27.297,

205.434

■ 12, 27.297,
205.434

■ 2, 27.297, 205.434

■ 92, 27.297,
205.434

■ 92, 27.297,
205.434

■ 90, 32.871,
205.534

■ 94, 20.878,
205.465

■ 89, 37.480,
205.799

■ 96, 13.748,
205.619

■ 88, 41.034,
206.253

■ 98, 6.046, 205.906

100, 0.407, 53.602

■ 87, 43.497,
206.923

100, 0.720,
110.017

■ 86, 44.902,
207.833

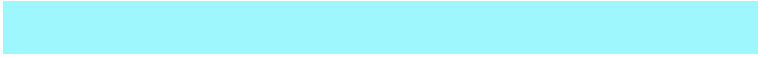
■ 85, 45.379,
208.995

■ 85, 45.425,
209.313

Harmonies

Complementary

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



92, 27.297, 205.434



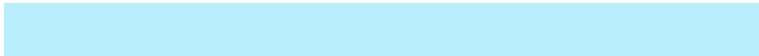
76, 36.001, 28.372

Rectangle

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



92, 27.297, 205.434



92, 27.297, 255.434



92, 27.297, 25.434



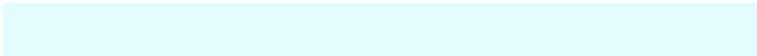
92, 27.297, 75.434

Sweetspot

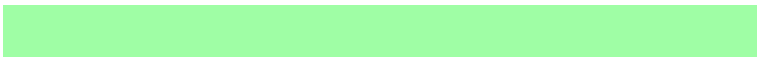
The Sweet Spot groups the original color and five complimentary colors.



92, 27.297, 205.431



98, 8.867, 205.783



92, 56.670, 143.399



52, 5.935, 205.743



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, 27.297, 205.431



91, 31.726, 205.495



79, 30.797, 268.748



52, 4.602, 205.831



66, 36.791, 209.073



22, 17.083, 207.407

Inverse Universe

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



77, 56.336, 328.638



74, 67.253, 329.057



87, 32.812, 77.304



50, 8.613, 327.010



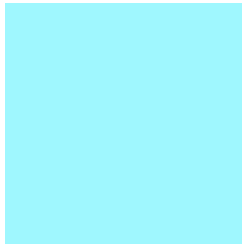
45, 87.845, 331.407



12, 40.695, 330.997

Previews

White Background



This preview shows how the CIE LCh color 92, 27.297, 205.434 looks on a white background.

Color Contrast Check

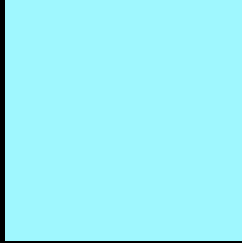
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 27.297, 205.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

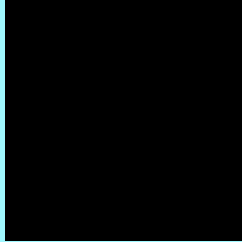
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 27.297, 205.434

Background



This preview shows how black text looks on a background with the CIELCh color 92, 27.297, 205.434.

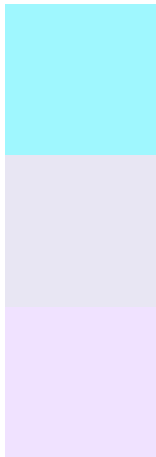


This preview shows how white text looks on a background with the CIELCh color 92, 27.297, 205.434.

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, 27.297, 205.434

Protanopia
92, 6.783, 296.615

Deuteranopia
92, 15.852, 308.984

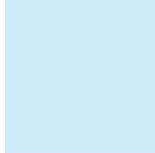


Tritanopia
92, 18.902, 221.062

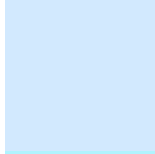
Trichromacy



Original Color
92, 27.297, 205.434



Protanomaly
92, 11.723, 228.033



Deuteranomaly
91, 13.130, 255.346

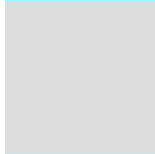


Tritanomaly
92, 21.845, 213.346

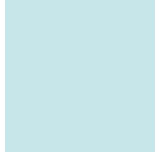
Monochromacy



Original Color
92, 27.297, 205.434



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 11.007, 206.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 27.297, 205.434 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(159, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(159, 247, 254)  
}
```

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(159, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 247, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 27.297, 205.434 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(159, 247, 254) }
```

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

```
.border{ border-color:rgb(159, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(159, 247,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 27.297, 205.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 247, 254) }
```

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

```
.background{ background-color: rgb(159,  
247, 254) }
```

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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