

Converting Colors

CIELCh(92, 25.372, 196.679)

Have a look what the booklet for
CIELCh(92, 25.372, 196.679)
contains.

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Color

CIElCh(92, 25.244, 196.630)

Conversions

Conversions Part 1

Format	Color
Hex	A7F6F5
RGB	167, 246, 245
RGB Percent	65%, 96%, 96%
CMY	0.3452, 0.0354, 0.0393
CMYK	0.32, 0.00, 0.00, 0.04
HSL	179°, 81%, 81%
HSV	179°, 32%, 96%
XYZ	65.3606, 80.7044, 98.5035
YIQ	222.2650, -46.7630, -17.0590

Conversions

Conversions Part 2

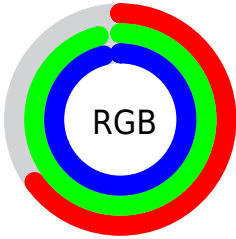
Format	Color
R _Y B	167, 207, 246
Decimal	11007733
CIE Lab	92.00, -24.19, -7.22
CIE LCh	92, 25.244, 196.630
Yxy	80.7044, 0.2672, 0.3300
Android (android.graphics.Color)	4289197813 (0xFFA7F6F5)
YUV	222.2650, 11.2084, -48.4674
Hunter-Lab	89.8356, -27.3433, -2.1257

Details

The CIELCh color **92, 25.244, 196.630** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 31.397, 21.254**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **72, 25.140, 197.480** is the 20% darker color. If you saturate the color by 10%, you get **91, 31.668, 196.165**, and if you desaturate by 10%, it is **93, 18.034, 197.139**.

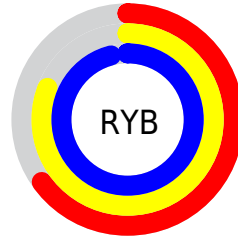
Distribution



Red (65%)

Green (96%)

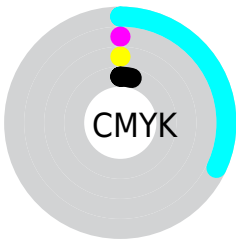
Blue (96%)



Red (65%)

Yellow (81%)

Blue (96%)

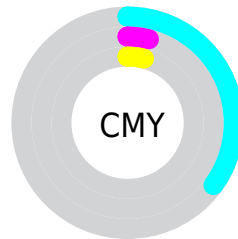


Cyan (32%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (35%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 25.244, 196.630 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, 25.244, 196.630 by changing the saturation by 10% instead.

■ 92, 25.244,
196.630

■ 92, 25.244,
196.630

■ 100, 25.244,
196.630

■ 82, 25.244,
196.630

■ 72, 25.244,
196.630

■ 62, 25.244,
196.630

■ 52, 25.244,
196.630

■ 42, 25.244,
196.630

■ 32, 25.244,
196.630

■ 22, 25.244,

196.630

■ 12, 25.244,
196.630

■ 2, 25.244, 196.630

■ 92, 25.244,
196.630

■ 92, 25.244,
196.630

■ 91, 31.668,
196.165

■ 93, 18.034,
197.139

■ 90, 37.175,
195.754

■ 95, 10.179,
197.710

■ 89, 41.661,
195.394

■ 96, 1.819, 198.577

■ 89, 45.068,
195.084

■ 98, 3.194, 17.166

■ 98, 3.204, 14.327

■ 88, 47.399,
194.818

■ 98, 3.223, 11.514

■ 88, 48.727,
194.588

■ 98, 3.249, 8.741

■ 88, 49.235,
194.423

■ 98, 3.283, 6.018

■ 98, 3.325, 3.358

Harmonies

Complementary

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



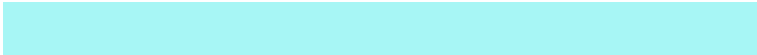
92, 25.244, 196.630



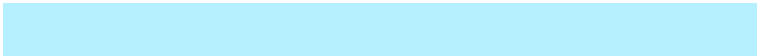
76, 31.397, 21.254

Rectangle

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



92, 25.244, 196.630



92, 25.244, 246.630



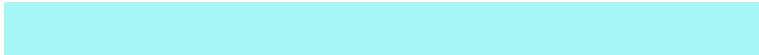
92, 25.244, 16.630



92, 25.244, 66.630

Sweetspot

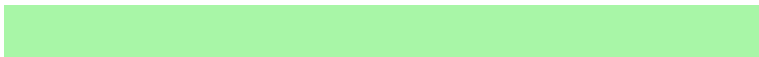
The Sweet Spot groups the original color and five complimentary colors.



92, 25.244, 196.627



98, 8.697, 197.841



90, 49.501, 141.747



52, 5.912, 197.752



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

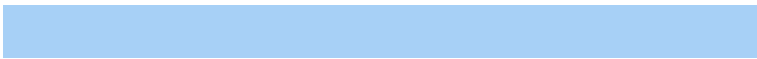
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 25.244, 196.627



94, 30.630, 196.300



82, 23.545, 258.737



50, 4.788, 197.875



68, 39.934, 194.456



22, 17.732, 194.710

Inverse Universe

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



76, 31.397, 21.254



74, 40.206, 22.280



85, 26.020, 69.651



48, 5.079, 18.913



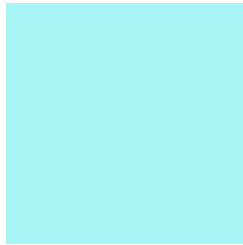
39, 81.965, 39.482



8, 30.942, 24.502

Previews

White Background



This preview shows how the CIE LCh color 92, 25.244, 196.630 looks on a white background.

Color Contrast Check

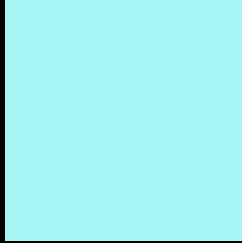
Large Text (above 18pt) WCAG AA × Fail

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, 25.244, 196.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

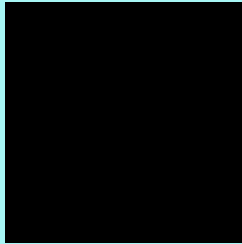
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 25.244, 196.630

Background



This preview shows how black text looks on a background with the CIELCh color 92, 25.244, 196.630.



This preview shows how white text looks on a background with the CIELCh color 92, 25.244, 196.630.

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



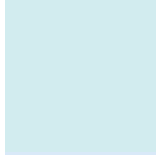


Tritanopia
92, 17.988, 224.193

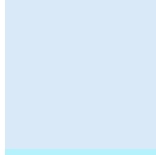
Trichromacy



Original Color
92, 25.244, 196.630



Protanomaly
92, 9.014, 208.846



Deuteranomaly
92, 9.374, 255.360

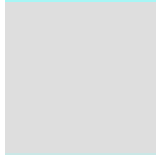


Tritanomaly
92, 20.049, 211.744

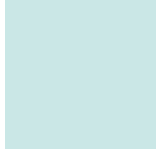
Monochromacy



Original Color
92, 25.244, 196.630



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 10.043, 195.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 25.244, 196.630 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(167, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(167, 246, 245)  
}
```

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(167, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 246, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 25.244, 196.630 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(167, 246, 245) }
```

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

```
.border{ border-color:rgb(167, 246, 245) }
```

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

Here you see how a box with a 4 pixel rgb(167, 246, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(167, 246,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 25.244, 196.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 246, 245) }
```

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

```
.background{ background-color: rgb(167,  
246, 245) }
```

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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