

Converting Colors

CIELCh(90, 29.441, 217.178)

Have a look what the booklet for
CIELCh(90, 29.441, 217.178)
contains.

CIELCh(90, 29.145, 212.281)	3
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Color

CIELCh(90, 29.145, 212.281)

Conversions

Conversions Part 1

Format	Color
Hex	92F1FF
RGB	146, 241, 255
RGB Percent	57%, 95%, 100%
CMY	0.4271, 0.0546, 0.0000
CMYK	0.43, 0.05, 0.00, 0.00
HSL	188°, 100%, 79%
HSV	188°, 43%, 100%
XYZ	61.4119, 76.3034, 106.1688
YIQ	214.1910, -61.1140, -15.7860

Conversions

Conversions Part 2

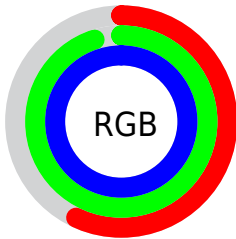
Format	Color
RYB	146, 197, 255
Decimal	9630207
CIELab	90.00, -24.64, -15.57
CIElCh	90, 29.145, 212.281
Yxy	76.3034, 0.2518, 0.3129
Android (android.graphics.Color)	4287820287 (0xFF92F1FF)
YUV	214.1910, 20.1188, -59.8035
Hunter-Lab	87.3518, -27.3729, -10.9158

Details

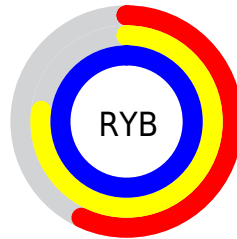
The CIELCh color **90, 29.145, 212.281** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 40.356, 33.251**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **70, 29.256, 211.540** is the 20% darker color. If you saturate the color by 10%, you get **88, 34.041, 212.830**, and if you desaturate by 10%, it is **92, 23.373, 211.777**.

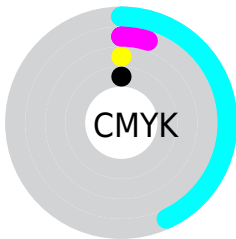
Distribution



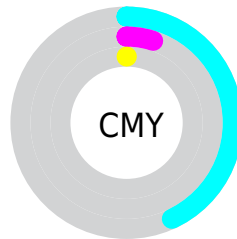
- Red (57%)
- Green (95%)
- Blue (100%)



- Red (57%)
- Yellow (77%)
- Blue (100%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 29.145, 212.281 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 90, 29.145, 212.281 by changing the saturation by 10% instead.


 90, 29.145,
212.281


 90, 29.145,
212.281


 100, 29.145,
212.281


 80, 29.145,
212.281

 70, 29.145,
212.281

 60, 29.145,
212.281

 50, 29.145,
212.281

 40, 29.145,
212.281

 30, 29.145,
212.281

 20, 29.145,

212.281

■ 10, 29.145,
212.281

■ 0, 29.145, 212.281

■ 90, 29.145,
212.281

■ 90, 29.145,
212.281

■ 88, 34.041,
212.830

■ 92, 23.373,
211.777

■ 86, 37.969,
213.746

■ 94, 16.863,
211.551

■ 85, 40.862,
214.992

■ 97, 9.741, 211.487

■ 84, 42.718,
216.625

■ 99, 2.132, 211.753

■ 100, 0.012,
296.813

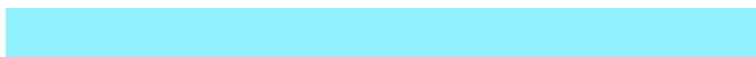
■ 82, 43.622,
218.692

■ 82, 43.841,
220.446

Harmonies

Complementary

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



90, 29.145, 212.281



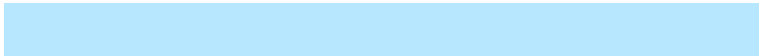
75, 40.356, 33.251

Rectangle

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



90, 29.145, 212.281



90, 29.145, 262.281



90, 29.145, 32.281



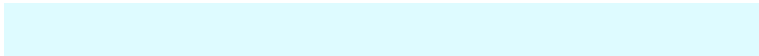
90, 29.145, 82.281

Sweetspot

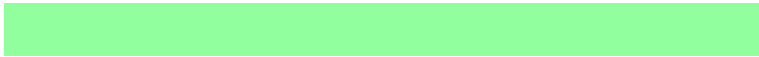
The Sweet Spot groups the original color and five complimentary colors.



90, 29.141, 212.190



97, 9.955, 211.487



92, 62.376, 144.273



51, 6.921, 211.488



0, 0.000, 0.000



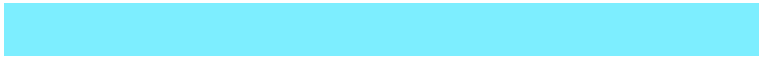
53, 0.007, 296.813

Same Dimension

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



90, 29.141, 212.190



88, 33.269, 212.702



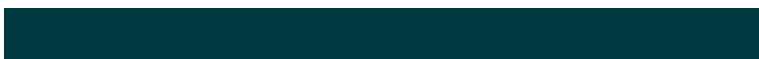
76, 37.621, 274.556



52, 4.396, 211.505



63, 35.345, 219.976



21, 16.395, 216.769

Inverse Universe

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



75, 61.781, 330.724



71, 72.560, 331.231



88, 39.063, 81.172



50, 8.295, 328.669



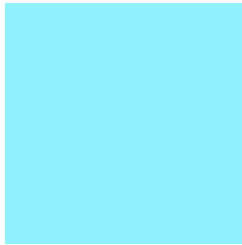
44, 84.198, 334.087



12, 39.202, 333.294

Previews

White Background



This preview shows how the CIE LCh color 90, 29.145, 212.281 looks on a white background.

Color Contrast Check

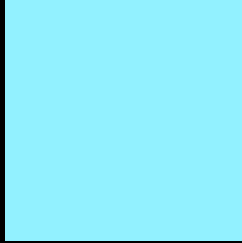
Large Text (above 18pt) WCAG AA × Fail

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 90, 29.145, 212.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

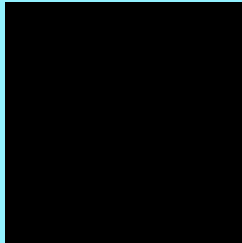
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 29.145, 212.281

Background



This preview shows how black text looks on a background with the CIELCh color 90, 29.145, 212.281.

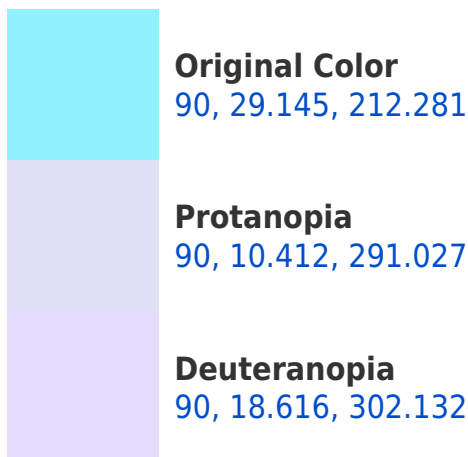



This preview shows how white text looks on a background with the CIELCh color 90, 29.145, 212.281.

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
90, 24.780, 219.089

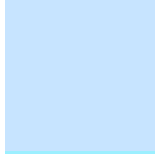
Trichromacy



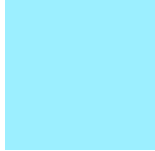
Original Color
90, 29.145, 212.281



Protanomaly
89, 14.408, 239.591



Deuteranomaly
89, 16.704, 256.672

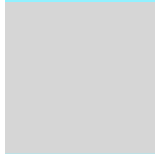


Tritanomaly
90, 26.400, 216.420

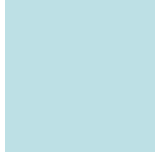
Monochromacy



Original Color
90, 29.145, 212.281



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 12.124, 211.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 29.145, 212.281 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(146, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 241, 255)  
}
```

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(146, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 241, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 29.145, 212.281 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(146, 241, 255) }
```

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

```
.border{ border-color:rgb(146, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 241,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 29.145, 212.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 241, 255) }
```

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

```
.background{ background-color: rgb(146,  
241, 255) }
```

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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