

Converting Colors

CIELCh(92, 26.568, 229.145)

Have a look what the booklet for
CIELCh(92, 26.568, 229.145)
contains.

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Color

CIELCh(91, 24.579, 212.735)

Conversions

Conversions Part 1

Format	Color
Hex	A5F2FE
RGB	165, 242, 254
RGB Percent	65%, 95%, 100%
CMY	0.3538, 0.0519, 0.0049
CMYK	0.35, 0.05, 0.00, 0.00
HSL	188°, 97%, 82%
HSV	188°, 35%, 100%
XYZ	65.0069, 78.4833, 105.2876
YIQ	220.3450, -49.7440, -12.5920

Conversions

Conversions Part 2

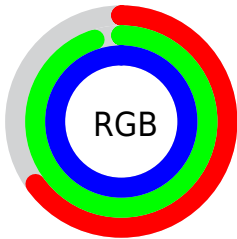
Format	Color
RYB	165, 206, 254
Decimal	10875646
CIELab	91.00, -20.68, -13.29
CIElCh	91, 24.579, 212.735
Yxy	78.4833, 0.2613, 0.3155
Android (android.graphics.Color)	4289065726 (0xFFA5F2FE)
YUV	220.3450, 16.5919, -48.5376
Hunter-Lab	88.5908, -24.0527, -8.4509

Details

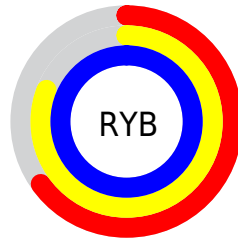
The CIELCh color **91, 24.579, 212.735** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 31.820, 33.260**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **71, 24.605, 211.898** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.109, 213.248**, and if you desaturate by 10%, it is **93, 18.286, 212.419**.

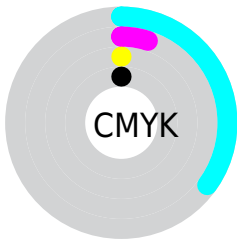
Distribution



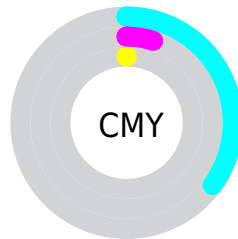
- Red (65%)
- Green (95%)
- Blue (100%)



- Red (65%)
- Yellow (81%)
- Blue (100%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 24.579, 212.735 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 91, 24.579, 212.735 by changing the saturation by 10% instead.

■ 91, 24.579,
212.735

■ 91, 24.579,
212.735

■ 100, 24.579,
212.735

■ 81, 24.579,
212.735

■ 71, 24.579,
212.735

■ 61, 24.579,
212.735

■ 51, 24.579,
212.735

■ 41, 24.579,
212.735

■ 31, 24.579,
212.735

■ 21, 24.579,

212.735

■ 11, 24.579,
212.735

■ 1, 24.579, 212.735

■ 91, 24.579,
212.735

■ 91, 24.579,
212.735

■ 89, 30.109,
213.248

■ 93, 18.286,
212.419

■ 87, 34.756,
214.013

■ 96, 11.358,
212.279

■ 85, 38.424,
215.081

■ 98, 3.922, 212.353

■ 84, 41.064,
216.510

100, 0.616,
110.006

■ 82, 42.693,
218.360

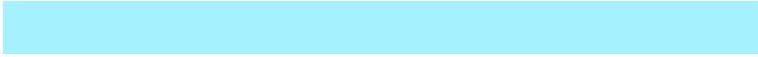
■ 81, 43.419,
220.675

■ 81, 43.564,
221.955

Harmonies

Complementary

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



91, 24.579, 212.735



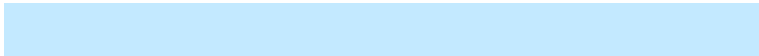
79, 31.820, 33.260

Rectangle

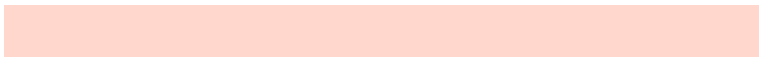
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 24.579, 212.735



91, 24.579, 262.735



91, 24.579, 32.735



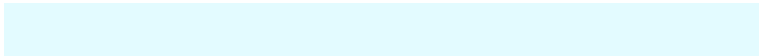
91, 24.579, 82.735

Sweetspot

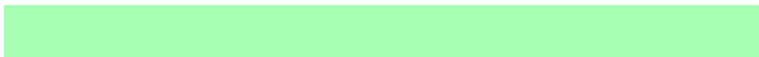
The Sweet Spot groups the original color and five complimentary colors.



91, 24.579, 212.732



97, 8.426, 212.272



93, 50.730, 145.585



51, 5.640, 212.270



0, 0.000, 0.000



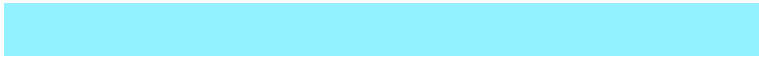
53, 0.007, 296.813

Same Dimension

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



91, 24.579, 212.732



90, 28.616, 213.066



79, 31.302, 274.191



52, 4.373, 212.278



62, 35.246, 221.463



20, 16.335, 218.047

Inverse Universe

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



79, 50.727, 330.488



75, 60.530, 330.923



90, 32.034, 83.716



50, 8.254, 328.893



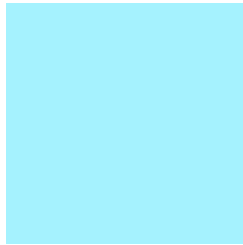
44, 83.741, 334.457



12, 39.014, 333.609

Previews

White Background



This preview shows how the CIE LCh color 91, 24.579, 212.735 looks on a white background.

Color Contrast Check

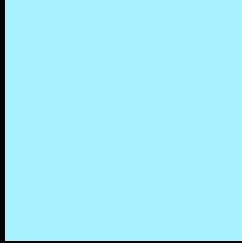
Large Text (above 18pt) WCAG AA × Fail

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 91, 24.579, 212.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

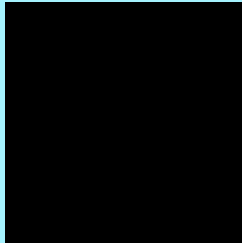
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 24.579, 212.735

Background



This preview shows how black text looks on a background with the CIELCh color 91, 24.579, 212.735.




This preview shows how white text looks on a background with the CIELCh color 91, 24.579, 212.735.

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



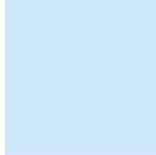


Tritanopia
91, 20.549, 222.280

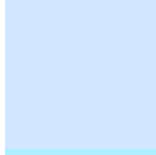
Trichromacy



Original Color
91, 24.583, 212.740



Protanomaly
91, 12.101, 242.494



Deuteranomaly
91, 14.412, 263.764

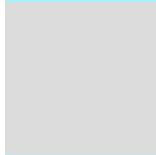


Tritanomaly
91, 21.981, 219.058

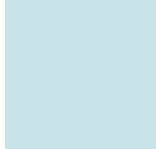
Monochromacy



Original Color
91, 24.583, 212.740



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 9.783, 211.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 24.579, 212.735 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(165, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(165, 242, 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(165, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 242, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 24.579, 212.735 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(165, 242, 254) }
```

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

```
.border{ border-color:rgb(165, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(165, 242,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 24.579, 212.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 242, 254) }
```

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

```
.background{ background-color: rgb(165,  
242, 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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