

Converting Colors

CIELCh(91, 24.830, 215.908)

Have a look what the booklet for
CIELCh(91, 24.830, 215.908)
contains.

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Color

CIELCh(91, 24.906, 213.787)

Conversions

Conversions Part 1

Format	Color
Hex	A4F2FF
RGB	164, 242, 255
RGB Percent	64%, 95%, 100%
CMY	0.3575, 0.0516, 0.0007
CMYK	0.36, 0.05, 0.00, 0.00
HSL	189°, 100%, 82%
HSV	189°, 36%, 100%
XYZ	64.9961, 78.4833, 106.1833
YIQ	220.1600, -50.6610, -12.4930

Conversions

Conversions Part 2

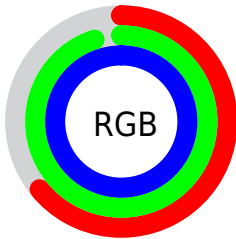
Format	Color
RYB	164, 206, 255
Decimal	10810111
CIELab	91.00, -20.70, -13.85
CIELCh	91, 24.906, 213.787
Yxy	78.4833, 0.2603, 0.3144
Android (android.graphics.Color)	4289000191 (0xFFA4F2FF)
YUV	220.1600, 17.1761, -49.2523
Hunter-Lab	88.5908, -24.0744, -9.0503

Details

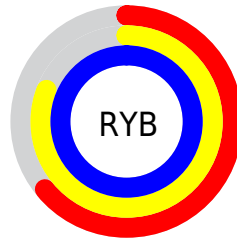
The CIELCh color **91, 24.906, 213.787** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 32.414, 34.018**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **71, 24.890, 213.042** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.377, 214.379**, and if you desaturate by 10%, it is **93, 18.669, 213.406**.

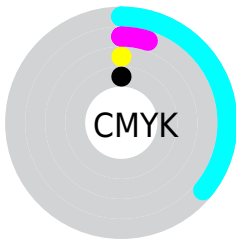
Distribution



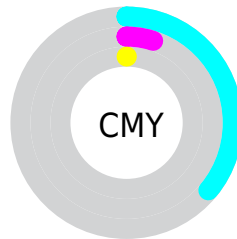
- Red (64%)
- Green (95%)
- Blue (100%)



- Red (64%)
- Yellow (81%)
- Blue (100%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 24.906, 213.787 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, 24.906, 213.787 by changing the saturation by 10% instead.

■ 91, 24.906,
213.787

■ 91, 24.906,
213.787

■ 100, 24.906,
213.787

■ 81, 24.906,
213.787

■ 71, 24.906,
213.787

■ 61, 24.906,
213.787

■ 51, 24.906,
213.787

■ 41, 24.906,
213.787

■ 31, 24.906,
213.787

■ 21, 24.906,

213.787

■ 11, 24.906,
213.787

■ 1, 24.906, 213.787

■ 91, 24.906,
213.787

■ 91, 24.906,
213.787

■ 89, 30.377,
214.379

■ 93, 18.669,
213.406

■ 87, 34.963,
215.240

■ 96, 11.794,
213.209

■ 85, 38.571,
216.424

■ 98, 4.405, 213.219

■ 84, 41.158,
217.995

100, 0.076,
109.161

■ 82, 42.748,
220.016

■ 81, 43.458,
222.531

■ 81, 43.602,
223.724

Harmonies

Complementary

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



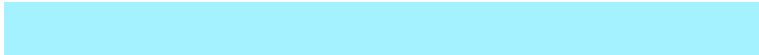
91, 24.906, 213.787



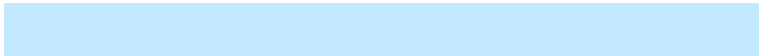
79, 32.414, 34.018

Rectangle

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



91, 24.906, 213.787



91, 24.906, 263.787



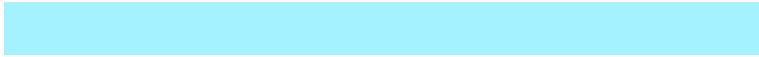
91, 24.906, 33.787



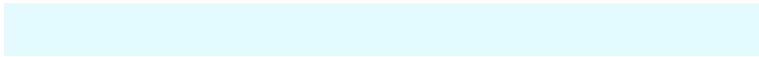
91, 24.906, 83.787

Sweetspot

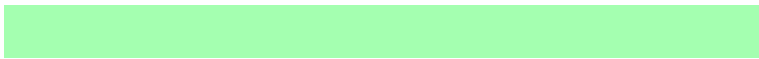
The Sweet Spot groups the original color and five complimentary colors.



91, 24.906, 213.784



97, 8.376, 213.178



93, 51.822, 145.519



51, 5.607, 213.182



0, 0.000, 0.000



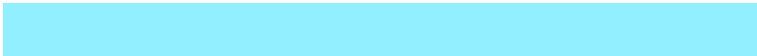
53, 0.007, 296.813

Same Dimension

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



91, 24.906, 213.784



89, 28.993, 214.194



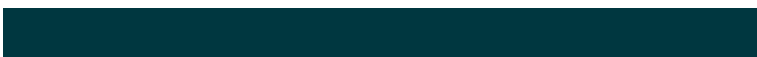
79, 32.001, 274.333



52, 4.347, 213.178



62, 35.158, 223.191



20, 16.276, 219.535

Inverse Universe

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



79, 51.527, 330.806



75, 61.540, 331.270



90, 32.761, 83.625



50, 8.208, 329.155



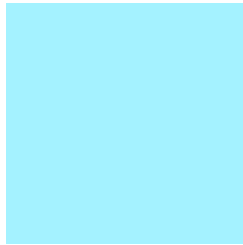
44, 83.219, 334.891



12, 38.798, 333.977

Previews

White Background



This preview shows how the CIE LCh color 91, 24.906, 213.787 looks on a white background.

Color Contrast Check

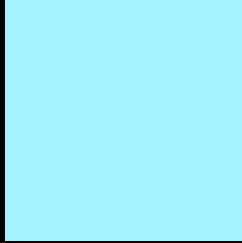
Large Text (above 18pt) WCAG AA × Fail

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, 24.906, 213.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

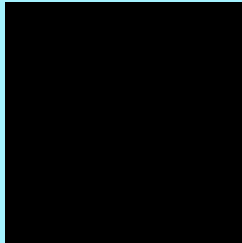
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 24.906, 213.787

Background



This preview shows how black text looks on a background with the CIELCh color 91, 24.906, 213.787.

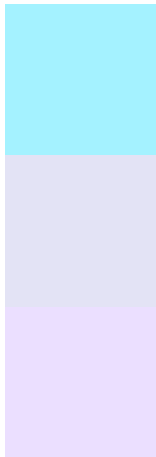


This preview shows how white text looks on a background with the CIELCh color 91, 24.906, 213.787.

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
91, 24.906, 213.787

Protanopia
91, 9.348, 290.935

Deuteranopia
91, 17.197, 305.262

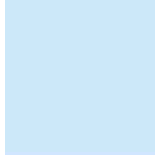


Tritanopia
91, 20.811, 221.946

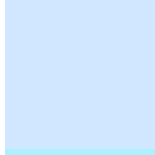
Trichromacy



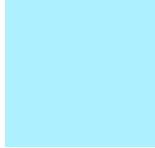
Original Color
91, 24.906, 213.787



Protanomaly
91, 12.666, 243.324



Deuteranomaly
90, 14.555, 262.615

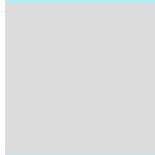


Tritanomaly
91, 22.243, 218.787

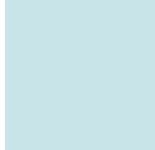
Monochromacy



Original Color
91, 24.906, 213.787



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 9.876, 214.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 24.906, 213.787 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(164, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 242, 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(164, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 242, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 24.906, 213.787 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(164, 242, 255) }
```

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

```
.border{ border-color:rgb(164, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 242,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 24.906, 213.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 242, 255) }
```

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

```
.background{ background-color: rgb(164,  
242, 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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