

Converting Colors

CIELCh(91, 32.160, 207.115)

Have a look what the booklet for
CIELCh(91, 32.160, 207.115)
contains.

CIELCh(91, 32.100, 205.903)	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

CIE LCh(91, 32.100, 205.903)

Conversions

Conversions Part 1

Format	Color
Hex	8AF6FF
RGB	138, 246, 255
RGB Percent	54%, 96%, 100%
CMY	0.4591, 0.0355, 0.0003
CMYK	0.46, 0.04, 0.00, 0.00
HSL	185°, 100%, 77%
HSV	185°, 46%, 100%
XYZ	61.4441, 78.4833, 106.4605
YIQ	214.7340, -67.2570, -20.0970

Conversions

Conversions Part 2

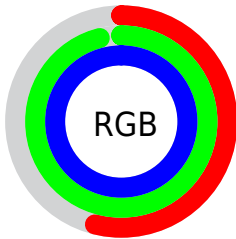
Format	Color
RYB	138, 194, 255
Decimal	9107199
CIELab	91.00, -28.88, -14.02
CIELCh	91, 32.100, 205.903
Yxy	78.4833, 0.2494, 0.3185
Android (android.graphics.Color)	4287297279 (0xFF8AF6FF)
YUV	214.7340, 19.8511, -67.2957
Hunter-Lab	88.5908, -31.2314, -9.2358

Details

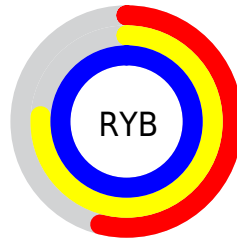
The CIELCh color **91, 32.100, 205.903** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 45.607, 29.656**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **71, 31.996, 206.001** is the 20% darker color. If you saturate the color by 10%, you get **90, 36.872, 206.166**, and if you desaturate by 10%, it is **93, 26.377, 205.798**.

Distribution



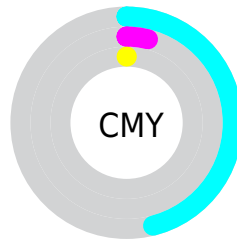
- Red (54%)
- Green (96%)
- Blue (100%)



- Red (54%)
- Yellow (76%)
- Blue (100%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 32.100, 205.903 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, 32.100, 205.903 by changing the saturation by 10% instead.

91, 32.100,
205.903

91, 32.100,
205.903

100, 32.100,
205.903

81, 32.100,
205.903

71, 32.100,
205.903

61, 32.100,
205.903


51, 32.100,
205.903

41, 32.100,
205.903


31, 32.100,
205.903


21, 32.100,


205.903


 11, 32.100,
205.903

 1, 32.100, 205.903


 91, 32.100,
205.903

 91, 32.100,
205.903

 90, 36.872,
206.166

 93, 26.377,
205.798

 88, 40.598,
206.622

 94, 19.829,
205.833

 87, 43.232,
207.298

 96, 12.590,
205.988

 86, 44.794,
208.220

 99, 4.799, 206.298

100, 0.022,

■ 86, 45.393,
209.407

106.705

■ 85, 45.464,
209.950

Harmonies

Complementary

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



91, 32.100, 205.903



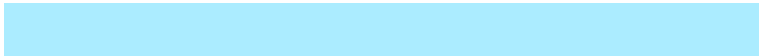
72, 45.607, 29.656

Rectangle

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



91, 32.100, 205.903



91, 32.100, 255.903



91, 32.100, 25.903



91, 32.100, 75.903

Sweetspot

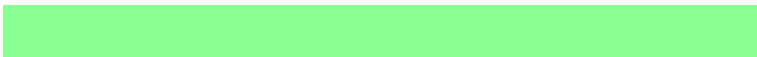
The Sweet Spot groups the original color and five complimentary colors.



91, 32.100, 205.901



97, 11.156, 206.031



91, 69.085, 142.494



51, 7.652, 205.982



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

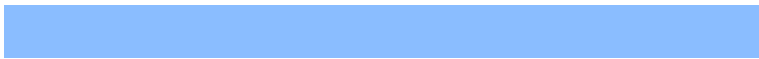
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 32.100, 205.901



90, 36.495, 206.135



75, 37.876, 270.841



52, 4.588, 206.156



66, 36.673, 209.694



22, 17.031, 207.940

Inverse Universe

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



74, 68.310, 329.210



69, 80.081, 329.694



85, 40.939, 76.125



50, 8.593, 327.106



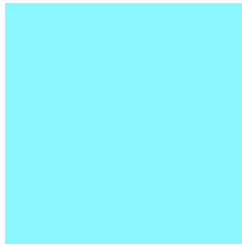
45, 87.620, 331.559



12, 40.604, 331.129

Previews

White Background



This preview shows how the CIE LCh color 91, 32.100, 205.903 looks on a white background.

Color Contrast Check

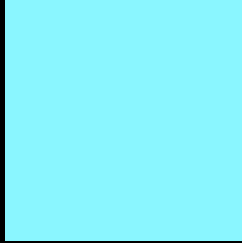
Large Text (above 18pt) WCAG AA × Fail

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, 32.100, 205.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

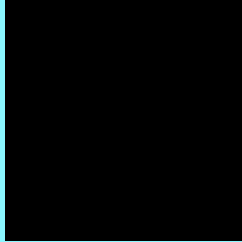
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 32.100, 205.903

Background



This preview shows how black text looks on a background with the CIELCh color 91, 32.100, 205.903.

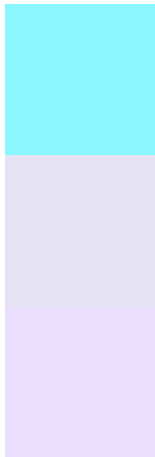


This preview shows how white text looks on a background with the CIELCh color 91, 32.100, 205.903.

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, 32.100, 205.903

Protanopia
90, 8.874, 295.375

Deuteranopia
91, 17.117, 304.145

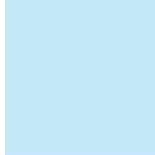


Tritanopia
91, 23.024, 218.016

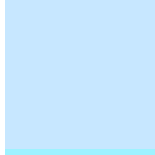
Trichromacy



Original Color
91, 32.100, 205.903



Protanomaly
90, 14.337, 229.350



Deuteranomaly
90, 16.028, 250.317

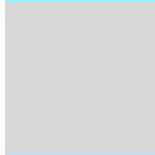


Tritanomaly
91, 26.428, 212.769

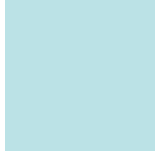
Monochromacy



Original Color
91, 32.100, 205.903



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.318, 207.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 32.100, 205.903 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(138, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 246, 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(138, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 32.100, 205.903 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(138, 246, 255) }
```

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

```
.border{ border-color:rgb(138, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 32.100, 205.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 246, 255) }
```

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

```
.background{ background-color: rgb(138,  
246, 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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