

Converting Colors

CIELCh(91, 34.119, 208.245)

Have a look what the booklet for
CIELCh(91, 34.119, 208.245)
contains.

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Color

CIELCh(91, 34.326, 204.333)

Conversions

Conversions Part 1

Format	Color
Hex	81F7FF
RGB	129, 247, 255
RGB Percent	51%, 97%, 100%
CMY	0.4937, 0.0310, 0.0000
CMYK	0.49, 0.03, 0.00, 0.00
HSL	184°, 100%, 75%
HSV	184°, 49%, 100%
XYZ	60.4258, 78.4833, 106.6550
YIQ	212.6300, -72.8960, -22.5280

Conversions

Conversions Part 2

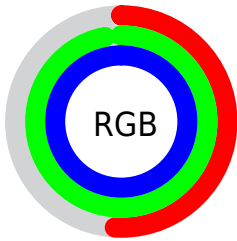
Format	Color
RYB	129, 190, 255
Decimal	8517631
CIELab	91.00, -31.28, -14.14
CIElCh	91, 34.326, 204.333
Yxy	78.4833, 0.2461, 0.3196
Android (android.graphics.Color)	4286707711 (0xFF81F7FF)
YUV	212.6300, 20.8884, -73.3435
Hunter-Lab	88.5908, -33.2831, -9.3660

Details

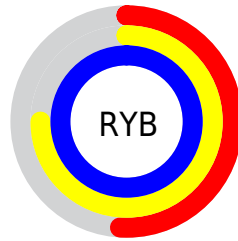
The CIELCh color **91, 34.326, 204.333** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 50.220, 29.172**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **71, 34.326, 204.286** is the 20% darker color. If you saturate the color by 10%, you get **90, 38.810, 204.444**, and if you desaturate by 10%, it is **92, 28.850, 204.188**.

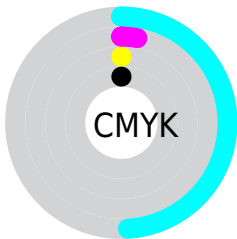
Distribution



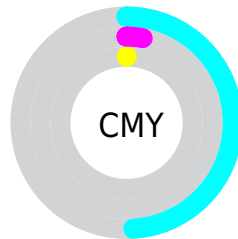
- Red (51%)
- Green (97%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 34.326, 204.333 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, 34.326, 204.333 by changing the saturation by 10% instead.


 91, 34.326,
204.333


 91, 34.326,
204.333


 100, 34.326,
204.333


 81, 34.326,
204.333

 71, 34.326,
204.333

 61, 34.326,
204.333

 51, 34.326,
204.333

 41, 34.326,
204.333

 31, 34.326,
204.333

 21, 34.326,

204.333

■ 11, 34.326,
204.333

■ 1, 34.326, 204.333

■ 91, 34.326,
204.333

■ 91, 34.326,
204.333

■ 90, 38.810,
204.444

■ 92, 28.850,
204.188

■ 89, 42.213,
204.819

■ 94, 22.488,
204.264

■ 88, 44.513,
205.389

■ 96, 15.379,
204.452

■ 87, 45.760,
206.171

■ 98, 7.662, 204.755

100, 0.012,

■ 87, 46.138,
207.160

296.813

■ 86, 46.151,
207.225

Harmonies

Complementary

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



91, 34.326, 204.333



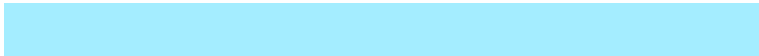
70, 50.220, 29.172

Rectangle

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



91, 34.326, 204.333



91, 34.326, 254.333



91, 34.326, 24.333



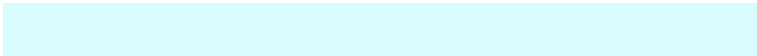
91, 34.326, 74.333

Sweetspot

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



91, 34.329, 204.241



97, 12.075, 204.567



91, 74.755, 141.647



51, 8.185, 204.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

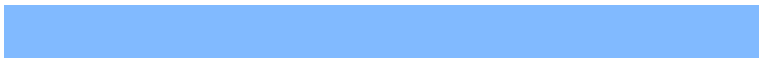
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 34.329, 204.241



90, 38.664, 204.433



74, 39.849, 270.164



52, 4.648, 204.749



67, 37.216, 207.023



22, 17.267, 205.641

Inverse Universe

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



72, 73.660, 328.940



68, 85.589, 329.418



84, 43.953, 74.049



50, 8.678, 326.690



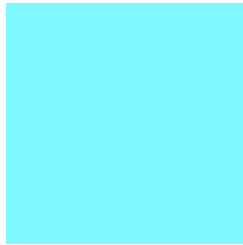
45, 88.603, 330.903



12, 41.005, 330.562

Previews

White Background



This preview shows how the CIE LCh color 91, 34.326, 204.333 looks on a white background.

Color Contrast Check

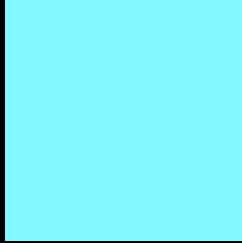
Large Text (above 18pt) WCAG AA × Fail

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, 34.326, 204.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

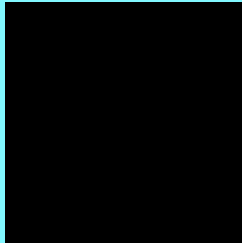
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 34.326, 204.333

Background



This preview shows how black text looks on a background with the CIELCh color 91, 34.326, 204.333.

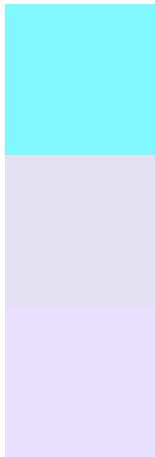


This preview shows how white text looks on a background with the CIELCh color 91, 34.326, 204.333.

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, 34.326, 204.333

Protanopia
90, 8.356, 295.621

Deuteranopia
90, 17.043, 303.020

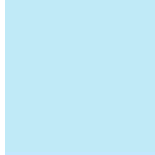


Tritanopia
91, 23.798, 217.301

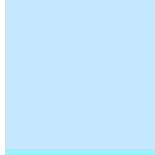
Trichromacy



Original Color
91, 34.326, 204.333



Protanomaly
90, 15.216, 225.102



Deuteranomaly
90, 16.685, 244.842

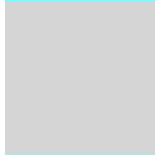


Tritanomaly
91, 27.868, 210.774

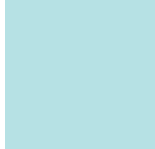
Monochromacy



Original Color
91, 34.326, 204.333



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 14.563, 204.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 34.326, 204.333 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(129, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 247, 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(129, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 247, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 34.326, 204.333 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(129, 247, 255) }
```

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

```
.border{ border-color:rgb(129, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(129, 247,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 34.326, 204.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 247, 255) }
```

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

```
.background{ background-color: rgb(129,  
247, 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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