

Converting Colors

CIELCh(91, 33.289, 203.231)

Have a look what the booklet for
CIELCh(91, 33.289, 203.231)
contains.

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Color

CIELCh(91, 33.325, 202.772)

Conversions

Conversions Part 1

Format	Color
Hex	86F7FD
RGB	134, 247, 253
RGB Percent	53%, 97%, 99%
CMY	0.4755, 0.0324, 0.0089
CMYK	0.47, 0.02, 0.00, 0.01
HSL	183°, 96%, 76%
HSV	183°, 47%, 99%
XYZ	60.6577, 78.4833, 104.6624
YIQ	213.8970, -69.2740, -22.0900

Conversions

Conversions Part 2

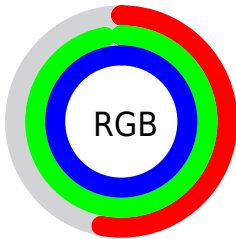
Format	Color
RYB	134, 192, 253
Decimal	8845309
CIELab	91.00, -30.73, -12.90
CIELCh	91, 33.325, 202.772
Yxy	78.4833, 0.2488, 0.3219
Android (android.graphics.Color)	4287035389 (0xFF86F7FD)
YUV	213.8970, 19.2778, -70.0697
Hunter-Lab	88.5908, -32.8159, -8.0325

Details

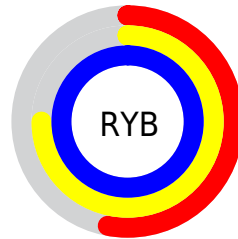
The CIELCh color **91, 33.325, 202.772** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **70, 47.638, 27.950**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.913, 198.193**, and **71, 33.216, 202.669** is the 20% darker color. If you saturate the color by 10%, you get **90, 38.073, 202.836**, and if you desaturate by 10%, it is **92, 27.601, 202.831**.

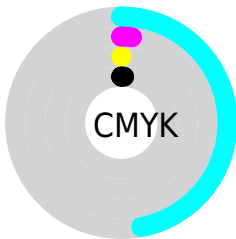
Distribution



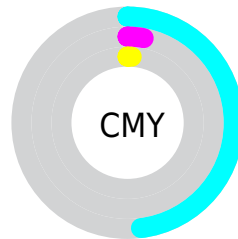
- Red (53%)
- Green (97%)
- Blue (99%)



- Red (53%)
- Yellow (75%)
- Blue (99%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (48%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 33.325, 202.772 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, 33.325, 202.772 by changing the saturation by 10% instead.

91, 33.325,
202.772

91, 33.325,
202.772

100, 33.325,
202.772

81, 33.325,
202.772

71, 33.325,
202.772

61, 33.325,
202.772

51, 33.325,
202.772

41, 33.325,
202.772

31, 33.325,
202.772

21, 33.325,

202.772

■ 11, 33.325,
202.772

■ 1, 33.325, 202.772

■ 91, 33.325,
202.772

■ 91, 33.325,
202.772

■ 90, 38.073,
202.836

■ 92, 27.601,
202.831

■ 89, 41.758,
203.047

■ 94, 21.023,
203.004

■ 88, 44.342,
203.420

■ 96, 13.728,
203.275

■ 87, 45.858,
203.969

■ 98, 5.855, 203.668

■ 99, 0.683, 34.455

■ 87, 46.429,
204.697

■ 100, 0.849, 95.343

■ 87, 46.499,
204.929

■ 100, 1.135,
110.025

Harmonies

Complementary

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



91, 33.325, 202.772



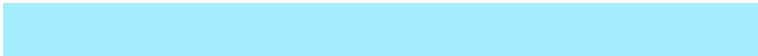
70, 47.638, 27.950

Rectangle

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



91, 33.325, 202.772



91, 33.325, 252.772



91, 33.325, 22.772



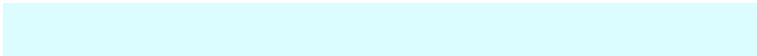
91, 33.325, 72.772

Sweetspot

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



91, 33.325, 202.770



97, 11.436, 203.379



90, 71.053, 141.911



51, 7.844, 203.305



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

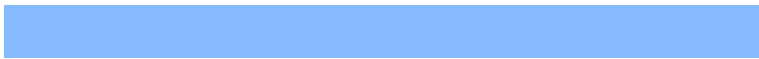
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 33.325, 202.770



91, 38.306, 202.835



75, 37.753, 269.525



52, 4.703, 203.555



67, 37.744, 204.776



22, 17.492, 203.700

Inverse Universe

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



73, 70.679, 328.433



69, 83.946, 328.918



84, 41.459, 74.372



50, 8.752, 326.335



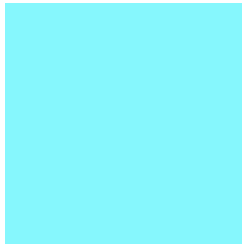
45, 89.468, 330.349



12, 41.356, 330.082

Previews

White Background



This preview shows how the CIE LCh color 91, 33.325, 202.772 looks on a white background.

Color Contrast Check

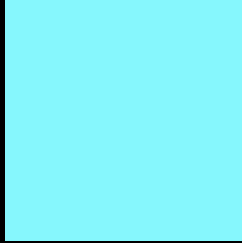
Large Text (above 18pt) WCAG AA × Fail

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, 33.325, 202.772 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, 33.325, 202.772

Background



This preview shows how black text looks on a background with the CIELCh color 91, 33.325, 202.772.



This preview shows how white text looks on a background with the CIELCh color 91, 33.325, 202.772.

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, 23.283, 217.772

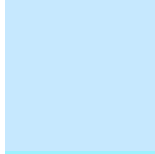
Trichromacy



Original Color
91, 33.325, 202.772



Protanomaly
90, 14.298, 222.307



Deuteranomaly
90, 15.701, 245.840

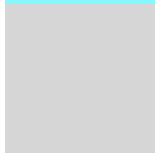


Tritanomaly
91, 26.880, 211.324

Monochromacy



Original Color
91, 33.325, 202.772



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.918, 202.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 33.325, 202.772 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(134, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(134, 247, 253)  
}
```

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(134, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 247, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 33.325, 202.772 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(134, 247, 253) }
```

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

```
.border{ border-color:rgb(134, 247, 253) }
```

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

Here you see how a box with a 4 pixel rgb(134, 247, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(134, 247,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 33.325, 202.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 247, 253) }
```

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

```
.background{ background-color: rgb(134,  
247, 253) }
```

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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