

Converting Colors

CIELCh(79, 36.956, 266.798)

Have a look what the booklet for
CIELCh(79, 36.956, 266.798)
contains.

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Color

CIELCh(79, 33.047, 262.396)

Conversions

Conversions Part 1

Format	Color
Hex	90C9FF
RGB	144, 201, 255
RGB Percent	56%, 79%, 100%
CMY	0.4356, 0.2122, 0.0000
CMYK	0.44, 0.21, 0.00, 0.00
HSL	209°, 100%, 78%
HSV	209°, 44%, 100%
XYZ	50.5530, 54.9284, 103.3442
YIQ	190.1130, -51.3060, 4.7100

Conversions

Conversions Part 2

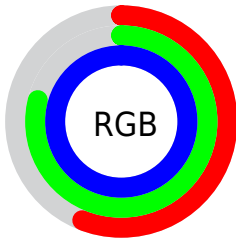
Format	Color
RYB	144, 182, 255
Decimal	9488895
CIELab	79.00, -4.37, -32.76
CIELCh	79, 33.047, 262.396
Yxy	54.9284, 0.2421, 0.2630
Android (android.graphics.Color)	4287678975 (0xFF90C9FF)
YUV	190.1130, 31.9893, -40.4411
Hunter-Lab	74.1137, -7.9441, -30.7944

Details

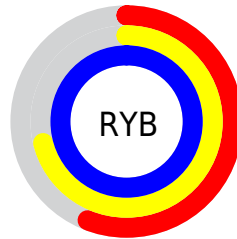
The CIELCh color **79, 33.047, 262.396** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 37.450, 68.608**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **59, 32.612, 261.905** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.701, 264.660**, and if you desaturate by 10%, it is **84, 25.389, 259.483**.

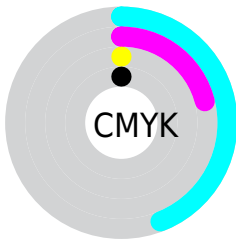
Distribution



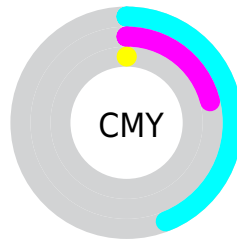
- Red (56%)
- Green (79%)
- Blue (100%)



- Red (56%)
- Yellow (71%)
- Blue (100%)



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.047, 262.396 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 79, 33.047, 262.396 by changing the saturation by 10% instead.

■ 79, 33.047,
262.396

■ 79, 33.047,
262.396

■ 100, 33.047,
262.396

■ 69, 33.047,
262.396

■ 99, 33.047,
262.396

■ 59, 33.047,
262.396

■ 49, 33.047,
262.396

■ 39, 33.047,
262.396

■ 29, 33.047,
262.396

■ 19, 33.047,
262.396

■ 9, 33.047, 262.396

■ 0, 33.047, 262.396

■ 79, 33.047,
262.396

■ 79, 33.047,
262.396

■ 74, 39.701,
264.660

■ 84, 25.389,
259.483

■ 70, 46.604,
267.979

■ 88, 17.974,
257.513

■ 66, 53.405,
271.818

■ 93, 10.418,
255.876

■ 62, 60.207,
276.127

■ 98, 2.755, 254.607

■ 58, 67.141,
280.761

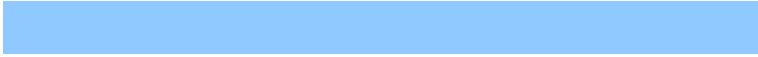
100, 0.012,
296.813

■ 55, 71.748,
283.746

Harmonies

Complementary

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



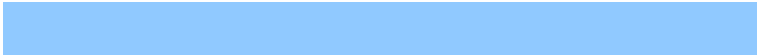
79, 33.047, 262.396



84, 37.450, 68.608

Rectangle

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



79, 33.047, 262.396



79, 33.047, 312.396



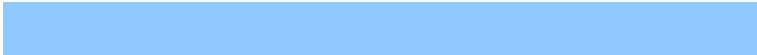
79, 33.047, 82.396



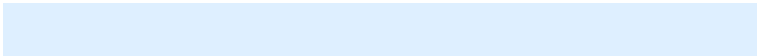
79, 33.047, 132.396

Sweetspot

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



79, 32.635, 261.845



94, 9.993, 255.794



92, 47.798, 158.337



49, 6.982, 256.124



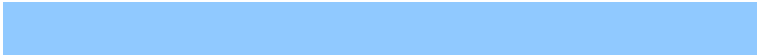
0, 0.000, 0.000



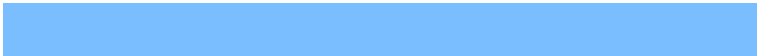
53, 0.007, 296.813

Same Dimension

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



79, 32.635, 261.845



75, 38.612, 264.189



65, 60.671, 295.693



51, 4.380, 255.302



42, 56.810, 282.889



12, 23.185, 276.233

Inverse Universe

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



73, 49.935, 347.395



69, 58.903, 348.613



97, 54.152, 105.227



50, 6.438, 343.710



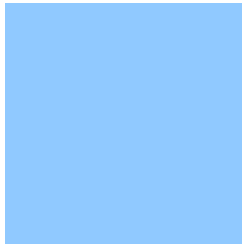
41, 68.402, 0.886



10, 31.997, 355.489

Previews

White Background



This preview shows how the CIELCh color 79, 33.047, 262.396 looks on a white background.

Color Contrast Check

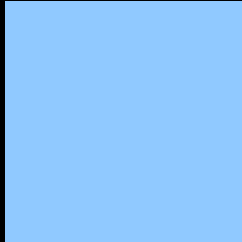
Large Text (above 18pt) WCAG AA × Fail

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 79, 33.047, 262.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

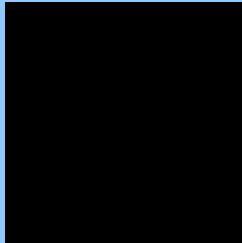
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

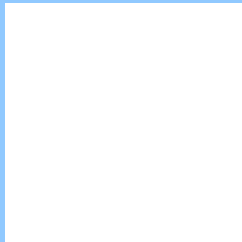
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 33.047, 262.396

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.047, 262.396.



This preview shows how white text looks on a background with the CIELCh color 79, 33.047, 262.396.

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
79, 23.774, 219.180

Trichromacy



Original Color
79, 32.593, 261.771

Protanomaly
79, 30.386, 275.586

Deuteranomaly
79, 32.865, 277.883

Tritanomaly
79, 25.399, 237.704

Monochromacy



Original Color
79, 32.593, 261.771

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.731, 256.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.047, 262.396 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(144, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 201, 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(144, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 201, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.047, 262.396 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(144, 201, 255) }
```

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

```
.border{ border-color:rgb(144, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 201,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.047, 262.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 201, 255) }
```

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

```
.background{ background-color: rgb(144,  
201, 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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