

# Converting Colors

CIELCh(79, 32.529, 263.100)

Have a look what the booklet for  
CIELCh(79, 32.529, 263.100)  
contains.

<b>CIELCh(79, 32.358, 262.586)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**CIELCh(79, 32.358, 262.586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92C9FF
RGB	146, 201, 255
RGB Percent	57%, 79%, 100%
CMY	0.4286, 0.2129, 0.0012
CMYK	0.43, 0.21, 0.00, 0.00
HSL	210°, 99%, 79%
HSV	210°, 43%, 100%
XYZ	50.6270, 54.9284, 102.2926
YIQ	190.7110, -50.1140, 5.1340

# Conversions

## Conversions Part 2

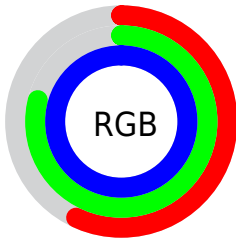
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 183, 255
Decimal	9619967
CIE <sub>Lab</sub>	79.00, -4.18, -32.09
CIE <sub>LCh</sub>	79, 32.358, 262.586
Y <sub>xy</sub>	54.9284, 0.2436, 0.2643
Android (android.graphics.Color)	4287810047 (0xFF92C9FF)
YUV	190.7110, 31.6945, -39.2115
Hunter-Lab	74.1137, -7.7658, -29.9532

# Details

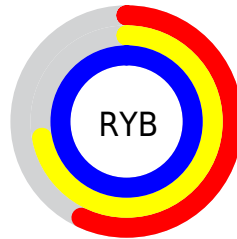
The CIELCh color **79, 32.358, 262.586** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 36.783, 69.543**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **59, 32.408, 262.616** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.542, 265.364**, and if you desaturate by 10%, it is **84, 25.010, 260.251**.

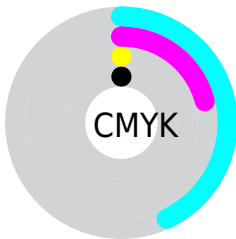
# Distribution



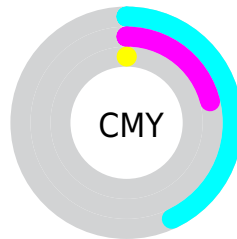
- Red (57%)
- Green (79%)
- Blue (100%)



- Red (57%)
- Yellow (72%)
- Blue (100%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)




- Cyan (43%)
- Magenta (21%)
- Yellow (0%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.358, 262.586 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, 32.358, 262.586 by changing the saturation by 10% instead.





 79, 32.358,  
262.586

 79, 32.358,  
262.586


 100, 32.358,  
262.586


 69, 32.358,  
262.586


 99, 32.358,  
262.586

 59, 32.358,  
262.586

 49, 32.358,  
262.586

 39, 32.358,  
262.586

 29, 32.358,  
262.586

 19, 32.358,  
262.586

 9, 32.358, 262.586

0, 32.358, 262.586

79, 32.358,  
262.586

79, 32.358,  
262.586

74, 39.542,  
265.364

84, 25.010,  
260.251

70, 46.584,  
268.639

89, 17.512,  
258.300

65, 53.539,  
272.425

94, 9.889, 256.679

61, 60.507,  
276.678

99, 2.173, 255.458

100, 0.138,  
109.606

57, 67.613,  
281.256

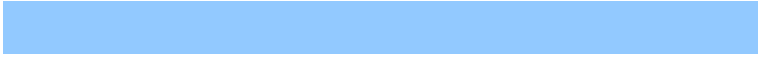
55, 72.898,  
284.568



# Harmonies

# Complementary

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



79, 32.358, 262.586



84, 36.783, 69.543

# Rectangle

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



79, 32.358, 262.586



79, 32.358, 312.586



79, 32.358, 82.586



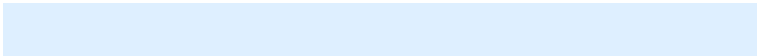
79, 32.358, 132.586

# Sweetspot

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



79, 32.357, 262.585



94, 10.060, 256.710



92, 46.966, 158.438



49, 7.030, 257.043



0, 0.000, 0.000



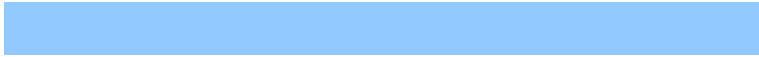
53, 0.007, 296.813



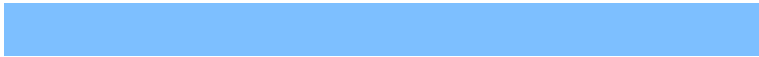


# Same Dimension

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



79, 32.357, 262.585



75, 38.304, 264.833



65, 59.447, 295.544



51, 4.408, 256.214



42, 57.763, 283.724



12, 23.533, 277.132



# Inverse Universe

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



73, 48.818, 347.779



69, 57.632, 348.967



97, 53.200, 105.299



50, 6.403, 344.154



41, 68.299, 1.667

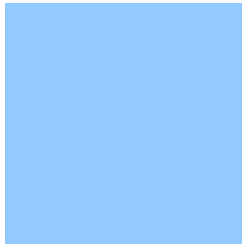


10, 31.914, 356.141



# Previews

## White Background



This preview shows how the CIELCh color 79, 32.358, 262.586 looks on a white background.

## Color Contrast Check

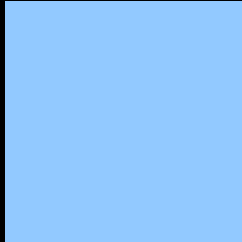
Large Text (above 18pt) WCAG AA × Fail

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, 32.358, 262.586 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

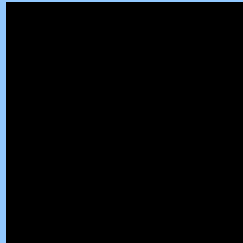
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

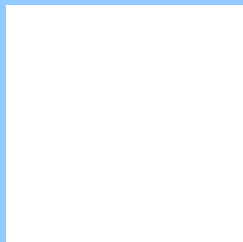
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 79, 32.358, 262.586

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.358, 262.586.



This preview shows how white text looks on a background with the CIELCh color 79, 32.358, 262.586.

# 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

79, 32.358, 262.586

### Protanopia

79, 30.064, 285.535

### Deuteranopia

79, 33.755, 287.294





**Tritanopia**  
79, 23.164, 221.283

# Trichromacy



**Original Color**  
79, 32.358, 262.586

**Protanomaly**  
79, 30.313, 276.123

**Deuteranomaly**  
79, 32.801, 278.378

**Tritanomaly**  
79, 25.089, 239.995

# Monochromacy



**Original Color**  
79, 32.358, 262.586

**Achromatopsia**  
77, 0.009, 296.813

**Achromatomaly**  
78, 12.557, 258.086

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 32.358, 262.586 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(146, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 255) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 32.358, 262.586 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(146, 201, 255) }
```

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

```
.border{ border-color:rgb(146, 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(146, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 201,  
255) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 32.358, 262.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 201, 255) }
```

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

```
.background{ background-color: rgb(146,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor