

Converting Colors

CIELCh(79, 32.940, 282.733)

Have a look what the booklet for
CIELCh(79, 32.940, 282.733)
contains.

CIELCh(79, 32.917, 282.730)	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

CIELCh(79, 32.917, 282.730)

Conversions

Conversions Part 1

Format	Color
Hex	AFC2FF
RGB	175, 194, 255
RGB Percent	69%, 76%, 100%
CMY	0.3136, 0.2391, 0.0000
CMYK	0.31, 0.24, 0.00, 0.00
HSL	226°, 100%, 84%
HSV	226°, 31%, 100%
XYZ	55.0316, 54.9284, 102.3246
YIQ	195.2730, -30.9050, 14.9430

Conversions

Conversions Part 2

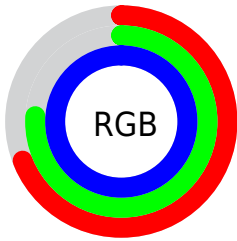
Format	Color
RYB	175, 190, 255
Decimal	11518719
CIELab	79.00, 7.25, -32.11
CIELCh	79, 32.917, 282.730
Yxy	54.9284, 0.2592, 0.2587
Android (android.graphics.Color)	4289708799 (0xFFAFC2FF)
YUV	195.2730, 29.4454, -17.7794
Hunter-Lab	74.1137, 2.8426, -29.9788

Details

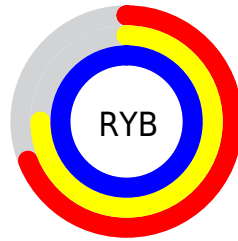
The CIELCh color `79, 32.917, 282.730` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 32.038, 94.218`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.608, 221.943`, and `59, 32.672, 282.212` is the 20% darker color. If you saturate the color by 10%, you get `72, 44.027, 284.762`, and if you desaturate by 10%, it is `86, 22.110, 280.985`.

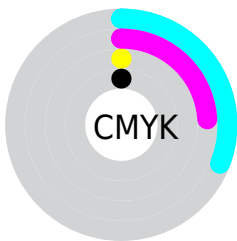
Distribution



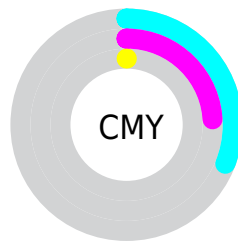
- Red (69%)
- Green (76%)
- Blue (100%)



- Red (69%)
- Yellow (75%)
- Blue (100%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.917, 282.730 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, 32.917, 282.730 by changing the saturation by 10% instead.


 79, 32.917,
282.730


 79, 32.917,
282.730


 100, 32.917,
282.730


 69, 32.917,
282.730


 99, 32.917,
282.730


 59, 32.917,
282.730

 49, 32.917,
282.730

 39, 32.917,
282.730

 29, 32.917,
282.730

 19, 32.917,
282.730

 9, 32.917, 282.730

■ 0, 32.917, 282.730

■ 79, 32.917,
282.730

■ 79, 32.917,
282.730

■ 72, 44.027,
284.762

■ 86, 22.110,
280.985

■ 66, 55.509,
287.128

■ 92, 11.611,
279.504

■ 59, 67.384,
289.833

■ 99, 1.386, 278.366

■ 53, 79.636,
292.839

100, 0.012,
296.813

■ 47, 92.106,
296.032

■ 42, 104.348,
299.200

■ 39,114.108,
301.666

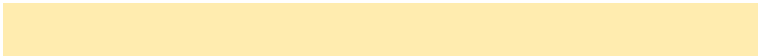
Harmonies

Complementary

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



79, 32.917, 282.730



94, 32.038, 94.218

Rectangle

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



79, 32.917, 282.730



79, 32.917, 332.730



79, 32.917, 102.730



79, 32.917, 152.730

Sweetspot

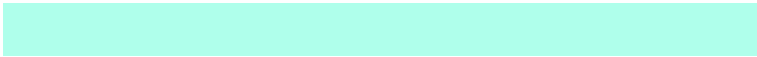
The Sweet Spot groups the original color and five complimentary colors.



79, 32.906, 282.725



94, 9.169, 279.190



95, 28.553, 176.430



49, 6.383, 279.382



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, 32.906, 282.725



75, 40.247, 284.041



76, 43.769, 302.317



50, 5.796, 279.256



29, 90.450, 301.171



6, 36.179, 296.364

Inverse Universe

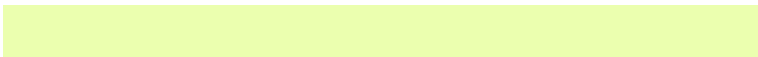
The Inverse Universe completely reimagines the original color for something new.



80, 31.847, 4.041



76, 38.981, 5.112



97, 40.888, 117.916



50, 5.507, 1.280



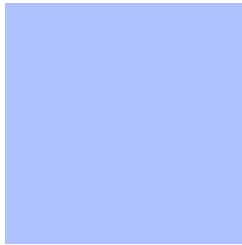
40, 73.172, 26.651



10, 31.768, 16.718

Previews

White Background



This preview shows how the CIELCh color 79, 32.917, 282.730 looks on a white background.

Color Contrast Check

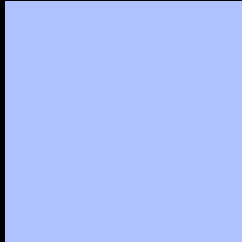
Large Text (above 18pt) WCAG AA × Fail

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, 32.917, 282.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

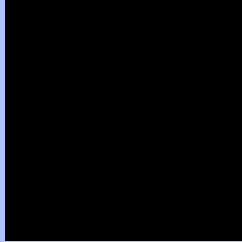
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.917, 282.730

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.917, 282.730.



This preview shows how white text looks on a background with the CIELCh color 79, 32.917, 282.730.

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

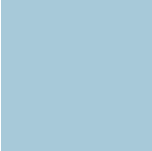
79, 32.917, 282.730

Protanopia

79, 32.755, 285.365

Deuteranopia

79, 33.732, 287.813



Tritanopia
79, 14.066, 236.352

Trichromacy



Original Color
79, 32.917, 282.730

Protanomaly
79, 32.789, 284.836

Deuteranomaly
79, 33.280, 285.550

Tritanomaly
79, 19.581, 263.829

Monochromacy



Original Color
79, 32.917, 282.730

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 11.955, 279.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.917, 282.730 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(175, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 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(175, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.917, 282.730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

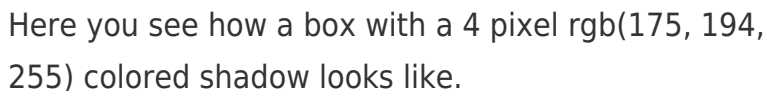
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 194, 255) }
```

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

```
.border{ border-color:rgb(175, 194, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 194, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 194, 255); box-shadow:4px 4px 4px 4px rgb(175, 194, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.917, 282.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 255) }
```

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

```
.background{ background-color: rgb(175,  
194, 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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