

Converting Colors

CIELCh(79, 21.917, 291.407)

Have a look what the booklet for
CIELCh(79, 21.917, 291.407)
contains.

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Color

CIELCh(79, 21.938, 292.136)

Conversions

Conversions Part 1

Format	Color
Hex	C0C0E9
RGB	192, 192, 233
RGB Percent	75%, 75%, 91%
CMY	0.2462, 0.2462, 0.0854
CMYK	0.18, 0.18, 0.00, 0.09
HSL	240°, 49%, 83%
HSV	240°, 18%, 91%
XYZ	55.4339, 54.9284, 84.9437
YIQ	196.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

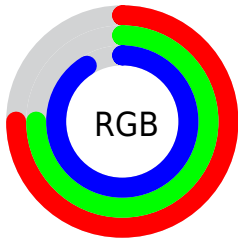
Format	Color
R_{YB}	192, 192, 233
Decimal	12632297
CIE _{Lab}	79.00, 8.27, -20.32
CIE _{LCh}	79, 21.938, 292.136
Yxy	54.9284, 0.2838, 0.2812
Android (android.graphics.Color)	4290822377 (0xFFC0C0E9)
YUV	196.6740, 17.9087, -4.0991
Hunter-Lab	74.1137, 3.8114, -16.0743

Details

The CIELCh color **79, 21.938, 292.136** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91, 21.065, 108.470**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.604, 295.993**, and **59, 21.559, 291.677** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.145, 293.526**, and if you desaturate by 10%, it is **87, 9.273, 290.958**.

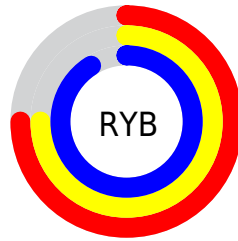
Distribution



Red (75%)

Green (75%)

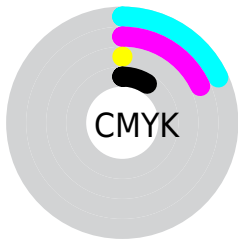
Blue (91%)



Red (75%)

Yellow (75%)

Blue (91%)

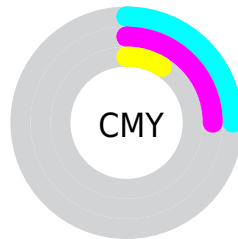


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (9%)



Cyan (25%)


Magenta (25%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 21.938, 292.136 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, 21.938, 292.136 by changing the saturation by 10% instead.


 79, 21.938,
292.136


 79, 21.938,
292.136


 100, 21.938,
292.136


 69, 21.938,
292.136


 99, 21.938,
292.136

 59, 21.938,
292.136

 49, 21.938,
292.136

 39, 21.938,
292.136

 29, 21.938,
292.136

 19, 21.938,
292.136

 9, 21.938, 292.136

■ 0, 21.938, 292.136

■ 79, 21.938,
292.136

■ 79, 21.938,
292.136

■ 71, 35.145,
293.526

■ 87, 9.273, 290.958

■ 64, 48.933,
295.160

■ 94, 2.885, 109.926

■ 56, 63.293,
297.046

■ 99, 11.019,
109.344

■ 49, 78.103,
299.158

■ 42, 92.939,
301.388

■ 36, 106.772,
303.511

■ 32, 117.755,
305.187

■ 30, 123.985,
306.124

■ 29, 125.081,
306.287

Harmonies

Complementary

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



79, 21.938, 292.136



91, 21.065, 108.470

Rectangle

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



79, 21.938, 292.136



79, 21.938, 342.136



79, 21.938, 112.136



79, 21.938, 162.136

Sweetspot

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



79, 21.936, 292.134



96, 6.545, 290.691



90, 13.907, 198.515



51, 4.470, 290.763



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, 21.936, 292.134



83, 28.374, 292.598



81, 23.071, 309.884



45, 7.006, 291.165



21, 103.475, 306.287



2, 35.734, 297.751

Inverse Universe

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



82, 26.140, 325.398



87, 33.585, 325.593



90, 22.522, 128.273



46, 8.457, 324.942



43, 89.363, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 79, 21.938, 292.136 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, 21.938, 292.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

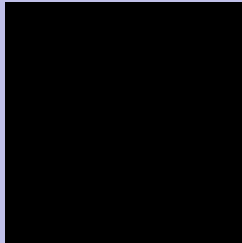
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 21.938, 292.136

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.938, 292.136.



This preview shows how white text looks on a background with the CIELCh color 79, 21.938, 292.136.

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, 21.938, 292.136

Protanopia
79, 21.446, 285.845

Deuteranopia
79, 22.577, 296.464



Tritanopia
79, 8.940, 272.652

Trichromacy



Original Color
79, 21.938, 292.136

Protanomaly
79, 21.934, 288.645

Deuteranomaly
79, 22.551, 295.608

Tritanomaly
79, 13.432, 283.991

Monochromacy



Original Color
79, 21.938, 292.136

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 8.016, 290.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.938, 292.136 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(192, 192, 233)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 233)  
}
```

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(192, 192, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.938, 292.136 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(192, 192, 233) }
```

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

```
.border{ border-color:rgb(192, 192, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 233);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.938, 292.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 233) }
```

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

```
.background{ background-color: rgb(192,  
192, 233) }
```

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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