

Converting Colors

CIELCh(77, 22.506, 284.315)

Have a look what the booklet for
CIELCh(77, 22.506, 284.315)
contains.

CIELCh(77, 22.182, 283.588)	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(77, 22.182, 283.588)

Conversions

Conversions Part 1

Format	Color
Hex	B3BDE6
RGB	179, 189, 230
RGB Percent	70%, 74%, 90%
CMY	0.2991, 0.2598, 0.0991
CMYK	0.22, 0.18, 0.00, 0.10
HSL	228°, 50%, 80%
HSV	228°, 22%, 90%
XYZ	50.9146, 51.5317, 81.9239
YIQ	190.6840, -19.1210, 10.6310

Conversions

Conversions Part 2

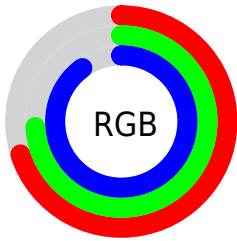
Format	Color
RYB	179, 187, 230
Decimal	11779558
CIELab	77.00, 5.21, -21.56
CIElCh	77, 22.182, 283.588
Yxy	51.5317, 0.2762, 0.2795
Android (android.graphics.Color)	4289969638 (0xFFB3BDE6)
YUV	190.6840, 19.3828, -10.2469
Hunter-Lab	71.7856, 0.9779, -17.4136

Details

The CIELCh color **77, 22.182, 283.588** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 21.623, 98.059**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.110, 256.507**, and **57, 21.884, 282.821** is the 20% darker color. If you saturate the color by 10%, you get **71, 32.677, 285.286**, and if you desaturate by 10%, it is **83, 12.010, 282.138**.

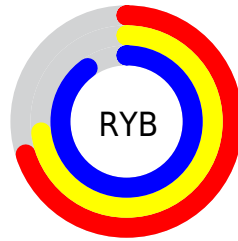
Distribution



Red (70%)

Green (74%)

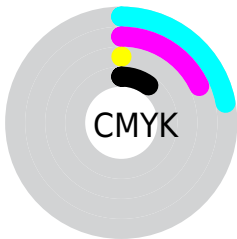
Blue (90%)



Red (70%)

Yellow (73%)

Blue (90%)

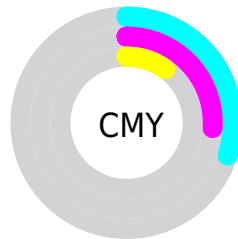


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (30%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 22.182, 283.588 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 77, 22.182, 283.588 by changing the saturation by 10% instead.

 77, 22.182,
283.588

 77, 22.182,
283.588

 100, 22.182,
283.588

 67, 22.182,
283.588

 97, 22.182,
283.588

 57, 22.182,
283.588

 47, 22.182,
283.588

 37, 22.182,
283.588

 27, 22.182,
283.588

 17, 22.182,
283.588

 7, 22.182, 283.588

■ 0, 22.182, 283.588

■ 77, 22.182,
283.588

■ 77, 22.182,
283.588

■ 71, 32.677,
285.286

■ 83, 12.010,
282.138

■ 64, 43.531,
287.272

■ 90, 2.139, 280.960

■ 58, 54.776,
289.573

■ 96, 7.452, 99.788

■ 52, 66.422,
292.189

■ 99, 12.791,
109.211

■ 46, 78.404,
295.067

■ 41, 90.457,
298.069

■ 36,101.951,
300.961

■ 33,109.883,
302.915

Harmonies

Complementary

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



77, 22.182, 283.588



88, 21.623, 98.059

Rectangle

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



77, 22.182, 283.588



77, 22.182, 333.588



77, 22.182, 103.588



77, 22.182, 153.588

Sweetspot

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



77, 22.180, 283.586



95, 7.451, 281.484



88, 18.367, 181.237



50, 4.845, 281.557



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 22.180, 283.586



81, 29.589, 284.395



76, 28.123, 303.244



45, 5.568, 281.782



25, 89.732, 302.500



4, 29.142, 292.525

Inverse Universe

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



78, 20.090, 5.838



82, 26.907, 6.497



89, 26.928, 120.513



45, 4.971, 4.364



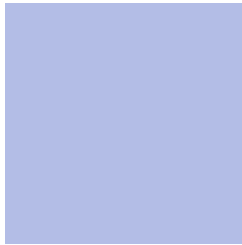
37, 71.194, 29.591



7, 26.671, 13.576

Previews

White Background



This preview shows how the CIELCh color 77, 22.182, 283.588 looks on a white background.

Color Contrast Check

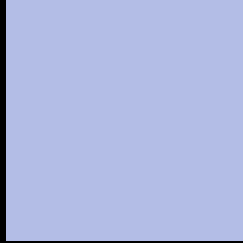
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 22.182, 283.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

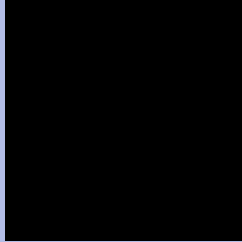
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 22.182, 283.588

Background



This preview shows how black text looks on a background with the CIELCh color 77, 22.182, 283.588.



This preview shows how white text looks on a background with the CIELCh color 77, 22.182, 283.588.

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


77, 22.182, 283.588

Protanopia

77, 22.102, 286.131

Deuteranopia

77, 23.694, 293.950



Tritanopia
77, 10.066, 252.459

Trichromacy



Original Color
77, 22.182, 283.588

Protanomaly
77, 22.131, 285.283

Deuteranomaly
77, 23.115, 290.624

Tritanomaly
77, 14.239, 270.315

Monochromacy



Original Color
77, 22.182, 283.588

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.628, 280.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 22.182, 283.588 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(179, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 230)  
}
```

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(179, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 22.182, 283.588 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(179, 189, 230) }
```

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

```
.border{ border-color:rgb(179, 189, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 22.182, 283.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 230) }
```

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

```
.background{ background-color: rgb(179,  
189, 230) }
```

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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