

Converting Colors

CIELCh(77, 5.287, 252.598)

Have a look what the booklet for
CIELCh(77, 5.287, 252.598) contains.

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Color

CIELCh(77, 5.321, 253.304)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFC7
RGB	182, 191, 199
RGB Percent	71%, 75%, 78%
CMY	0.2850, 0.2497, 0.2183
CMYK	0.09, 0.04, 0.00, 0.22
HSL	208°, 13%, 75%
HSV	208°, 9%, 78%
XYZ	48.4212, 51.5317, 61.6316
YIQ	189.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

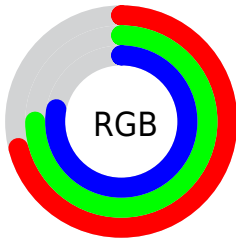
Format	Color
R_YB	182, 188, 199
Decimal	11976647
CIE Lab	77.00, -1.53, -5.10
CIE LCh	77, 5.321, 253.304
Yxy	51.5317, 0.2997, 0.3189
Android (android.graphics.Color)	4290166727 (0xFFB6BFC7)
YUV	189.2210, 4.8210, -6.3328
Hunter-Lab	71.7856, -5.2222, -0.6536

Details

The CIELCh color $77, 5.321, 253.304$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.445, 71.082$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.086, 253.088$, and $57, 5.186, 249.730$ is the 20% darker color. If you saturate the color by 10%, you get $73, 11.465, 254.711$, and if you desaturate by 10%, it is $81, 0.914, 71.551$.

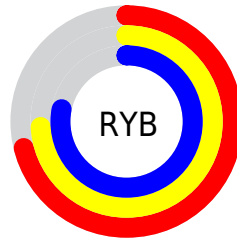
Distribution



Red (71%)

Green (75%)

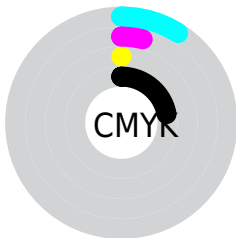
Blue (78%)



Red (71%)

Yellow (74%)

Blue (78%)

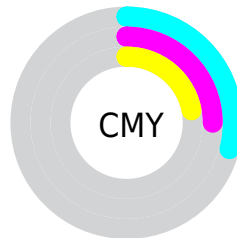


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.321, 253.304 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, 5.321, 253.304 by changing the saturation by 10% instead.

■ 77, 5.321, 253.304

■ 77, 5.321, 253.304

■ 100, 5.321,
253.304

■ 67, 5.321, 253.304

■ 97, 5.321, 253.304

■ 57, 5.321, 253.304

■ 47, 5.321, 253.304

■ 37, 5.321, 253.304

■ 27, 5.321, 253.304

■ 17, 5.321, 253.304

■ 7, 5.321, 253.304

■ 0, 5.321, 253.304

■ 77, 5.321, 253.304

■ 77, 5.321, 253.304

73, 11.465,
254.711

81, 0.914, 71.551

69, 17.489,
256.451

85, 7.209, 70.879

65, 23.363,
258.541

89, 13.539, 70.014

62, 29.065,
261.044

95, 20.893, 90.837

58, 34.592,
264.020

97, 24.645,
101.751

55, 39.968,
267.512

99, 28.065,
108.046

51, 45.253,
271.518

48, 50.546,
275.965

45, 55.973,

280.624

Harmonies

Complementary

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



77, 5.321, 253.304



78, 5.445, 71.082

Rectangle

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



77, 5.321, 253.304



77, 5.321, 303.304



77, 5.321, 73.304



77, 5.321, 123.304

Sweetspot

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



77, 5.320, 253.285



99, 2.298, 252.713



79, 7.928, 161.260



52, 1.740, 252.770



0, 0.000, 0.000



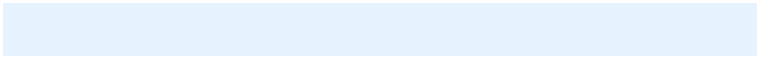
53, 0.007, 296.813

Same Dimension

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



77, 5.320, 253.285



95, 7.608, 253.493



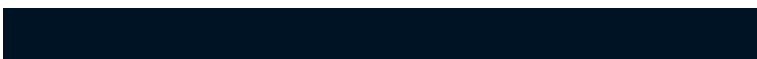
75, 8.886, 289.715



40, 3.528, 253.393



37, 48.288, 280.533



5, 13.545, 267.604

Inverse Universe

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



76, 7.989, 342.730



93, 11.459, 342.874



80, 8.720, 107.975



39, 5.307, 342.806



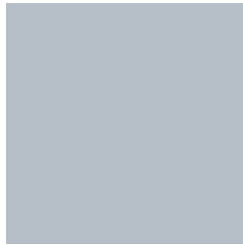
35, 61.127, 358.815



4, 18.162, 351.169

Previews

White Background



This preview shows how the CIE LCh color 77, 5.321, 253.304 looks on a white background.

Color Contrast Check

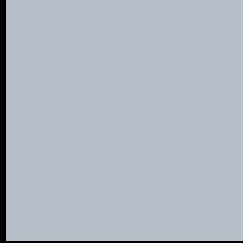
Large Text (above 18pt) WCAG AA × Fail

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, 5.321, 253.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

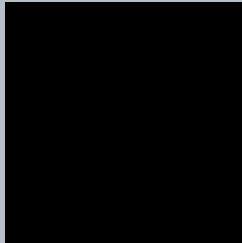
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

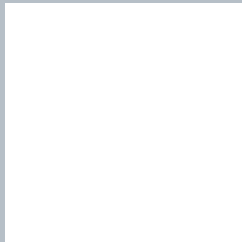
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.321, 253.304

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.321, 253.304.

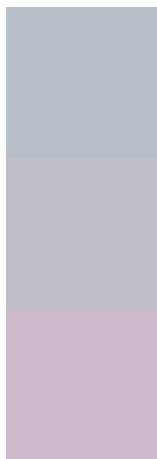


This preview shows how white text looks on a background with the CIELCh color 77, 5.321, 253.304.

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

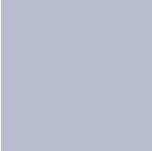
77, 5.321, 253.304

Protanopia

77, 4.905, 299.142

Deuteranopia

77, 11.525, 327.947



Tritanopia
77, 8.382, 273.745

Trichromacy



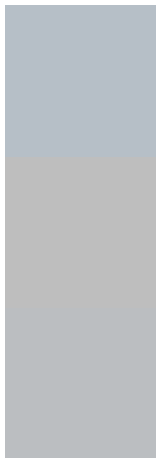
Original Color
77, 5.321, 253.304

Protanomaly
77, 4.349, 281.018

Deuteranomaly
77, 7.608, 313.241

Tritanomaly
77, 7.368, 271.100

Monochromacy



Original Color
77, 5.321, 253.304

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.939, 255.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.321, 253.304 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(182, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 199)  
}
```

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(182, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.321, 253.304 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(182, 191, 199) }
```

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

```
.border{ border-color:rgb(182, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.321, 253.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 199) }
```

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

```
.background{ background-color: rgb(182,  
191, 199) }
```

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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