

Converting Colors

CIELCh(77, 4.311, 186.185)

Have a look what the booklet for
CIELCh(77, 4.311, 186.185) contains.

CIELCh(77, 4.515, 185.409)	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, 4.515, 185.409)

Conversions

Conversions Part 1

Format	Color
Hex	B5C1BF
RGB	181, 193, 191
RGB Percent	71%, 76%, 75%
CMY	0.2914, 0.2444, 0.2522
CMYK	0.06, 0.00, 0.01, 0.24
HSL	170°, 9%, 73%
HSV	170°, 6%, 76%
XYZ	47.3502, 51.5317, 56.5573
YIQ	189.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

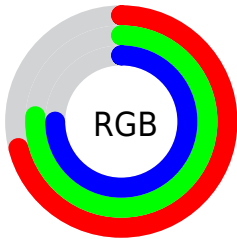
Format	Color
R_{YB}	181, 188, 193
Decimal	11911615
CIE _{Lab}	77.00, -4.49, -0.43
CIE _{LCh}	77, 4.515, 185.409
Yxy	51.5317, 0.3046, 0.3315
Android (android.graphics.Color)	4290101695 (0xFFB5C1BF)
YUV	189.1840, 0.8953, -7.1774
Hunter-Lab	71.7856, -7.8853, 3.5375

Details

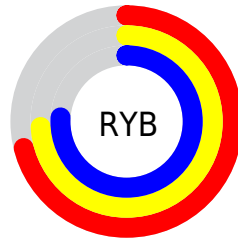
The CIELCh color $77, 4.515, 185.409$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.641, 6.254$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.311, 185.552$, and $57, 4.777, 185.196$ is the 20% darker color. If you saturate the color by 10%, you get $76, 11.587, 184.449$, and if you desaturate by 10%, it is $79, 2.773, 5.941$.

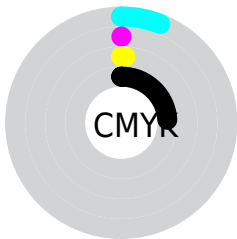
Distribution



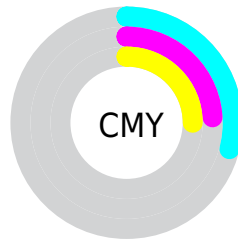
- Red (71%)
- Green (76%)
- Blue (75%)



- Red (71%)
- Yellow (74%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.515, 185.409 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, 4.515, 185.409 by changing the saturation by 10% instead.

■ 77, 4.515, 185.409

■ 77, 4.515, 185.409

■ 100, 4.515,
185.409

■ 67, 4.515, 185.409

■ 97, 4.515, 185.409

■ 57, 4.515, 185.409

■ 47, 4.515, 185.409

■ 37, 4.515, 185.409

■ 27, 4.515, 185.409

■ 17, 4.515, 185.409

■ 7, 4.515, 185.409

■ 0, 4.515, 185.409

■ 77, 4.515, 185.409

■ 77, 4.515, 185.409

76, 11.587,
184.449

79, 2.773, 5.941

74, 18.335,
183.521

80, 10.190, 6.890

73, 24.640,
182.555

82, 17.660, 7.703

72, 30.384,
181.532

84, 24.403, 3.926

72, 35.449,
180.435

84, 24.828, 0.164

71, 39.743,
179.243

84, 25.364,
356.551

70, 43.208,
177.935

84, 26.003,
353.109

70, 45.839,
176.489

84, 26.738,
349.853

70, 47.707,

174.894

Harmonies

Complementary

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



77, 4.515, 185.409



75, 4.641, 6.254

Rectangle

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



77, 4.515, 185.409



77, 4.515, 235.409



77, 4.515, 5.409



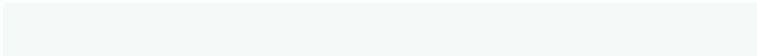
77, 4.515, 55.409

Sweetspot

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



77, 4.516, 185.392



98, 1.798, 185.979



77, 7.424, 139.052



52, 1.022, 186.006



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 4.516, 185.392



97, 6.263, 185.302



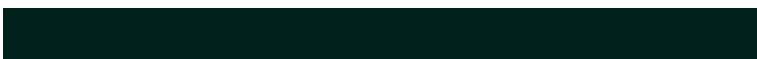
76, 3.579, 234.248



40, 3.299, 185.264



59, 42.113, 174.530



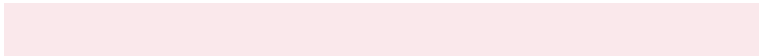
10, 13.957, 179.014

Inverse Universe

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



75, 4.641, 6.254



94, 6.460, 6.350



76, 3.689, 53.048



39, 3.408, 6.391



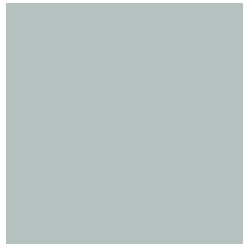
33, 66.853, 31.226



3, 14.206, 10.371

Previews

White Background



This preview shows how the CIE LCh color 77, 4.515, 185.409 looks on a white background.

Color Contrast Check

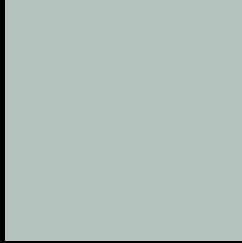
Large Text (above 18pt) WCAG AA × Fail

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, 4.515, 185.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

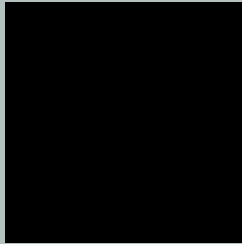
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

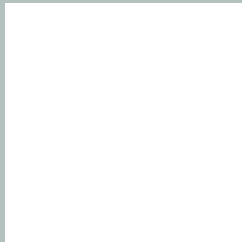
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.515, 185.409

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.515, 185.409.



This preview shows how white text looks on a background with the CIELCh color 77, 4.515, 185.409.

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

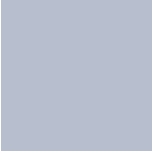
77, 4.515, 185.409

Protanopia

77, 1.484, 19.168

Deuteranopia

77, 9.613, 353.733



Tritanopia
77, 8.382, 273.745

Trichromacy



Original Color
77, 4.515, 185.409

Protanomaly
77, 0.367, 200.823

Deuteranomaly
77, 4.597, 343.978

Tritanomaly
77, 5.753, 256.643

Monochromacy



Original Color
77, 4.515, 185.409

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.467, 199.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.515, 185.409 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(181, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 191)  
}
```

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(181, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.515, 185.409 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(181, 193, 191) }
```

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

```
.border{ border-color:rgb(181, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.515, 185.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 191) }
```

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

```
.background{ background-color: rgb(181,  
193, 191) }
```

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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