

Converting Colors

CIELCh(75, 2.871, 261.335)

Have a look what the booklet for
CIELCh(75, 2.871, 261.335) contains.

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Color

CIELCh(75, 3.051, 261.890)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9BE
RGB	181, 185, 190
RGB Percent	71%, 73%, 75%
CMY	0.2899, 0.2742, 0.2546
CMYK	0.05, 0.03, 0.00, 0.25
HSL	213°, 6%, 73%
HSV	213°, 5%, 75%
XYZ	45.7360, 48.2781, 55.6614
YIQ	184.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

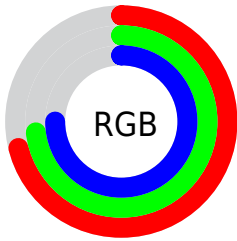
Format	Color
R_YB	181, 184, 190
Decimal	11909566
CIE Lab	75.00, -0.43, -3.02
CIE LCh	75, 3.051, 261.890
Yxy	48.2781, 0.3056, 0.3226
Android (android.graphics.Color)	4290099646 (0xFFB5B9BE)
YUV	184.3740, 2.7736, -2.9590
Hunter-Lab	69.4824, -4.0988, 1.1413

Details

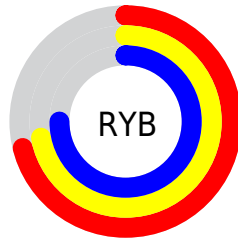
The CIELCh color $75, 3.051, 261.890$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.059, 80.465$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 2.908, 261.784$, and $55, 3.239, 262.087$ is the 20% darker color. If you saturate the color by 10%, you get $71, 9.478, 263.222$, and if you desaturate by 10%, it is $79, 3.371, 80.435$.

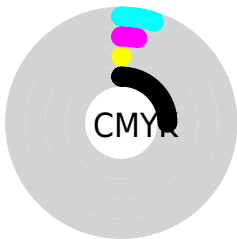
Distribution



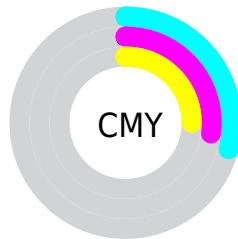
- Red (71%)
- Green (73%)
- Blue (75%)



- Red (71%)
- Yellow (72%)
- Blue (75%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.051, 261.890 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 75, 3.051, 261.890 by changing the saturation by 10% instead.

■ 75, 3.051, 261.890

■ 75, 3.051, 261.890

■ 100, 3.051,
261.890

■ 65, 3.051, 261.890

■ 95, 3.051, 261.890

■ 55, 3.051, 261.890

■ 45, 3.051, 261.890

■ 35, 3.051, 261.890

■ 25, 3.051, 261.890

■ 15, 3.051, 261.890

■ 5, 3.051, 261.890

■ 0, 3.051, 261.890

■ 75, 3.051, 261.890

■ 75, 3.051, 261.890

71, 9.478, 263.222

79, 3.371, 80.435

67, 15.898,
264.896

83, 9.771, 79.440

62, 22.297,
266.878

88, 16.135, 78.537

58, 28.669,
269.219

92, 22.031, 79.557

54, 35.019,
271.966

97, 29.629,
102.985

50, 41.376,
275.153

99, 32.676,
107.691

47, 47.786,
278.777

43, 54.316,
282.770

40, 61.019,
286.983

Harmonies

Complementary

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



75, 3.051, 261.890



76, 3.059, 80.465

Rectangle

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



75, 3.051, 261.890



75, 3.051, 311.890



75, 3.051, 81.890



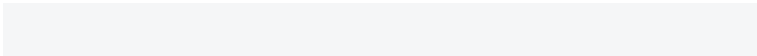
75, 3.051, 131.890

Sweetspot

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



75, 3.050, 261.857



97, 0.805, 261.749



76, 3.986, 166.139



52, 0.462, 261.767



99, 0.012, 296.813



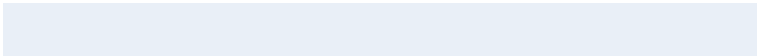
52, 0.007, 296.813

Same Dimension

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



75, 3.050, 261.857



94, 4.784, 262.017



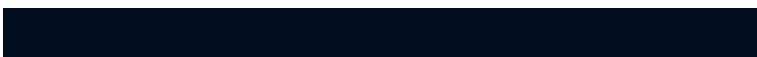
74, 4.885, 292.580



38, 2.539, 262.072



32, 55.590, 288.486



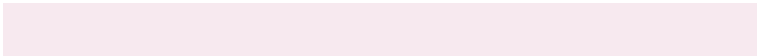
4, 12.195, 272.549

Inverse Universe

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



75, 4.012, 347.039



93, 6.308, 347.181



77, 4.819, 111.725



38, 3.349, 347.226



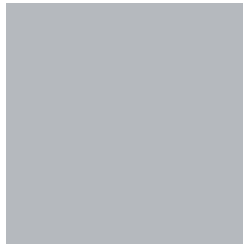
33, 59.061, 6.682



3, 13.557, 354.815

Previews

White Background



This preview shows how the CIE LCh color 75, 3.051, 261.890 looks on a white background.

Color Contrast Check

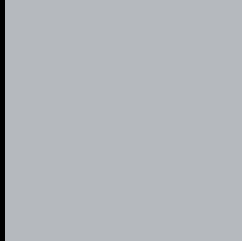
Large Text (above 18pt) WCAG AA × Fail

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 75, 3.051, 261.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

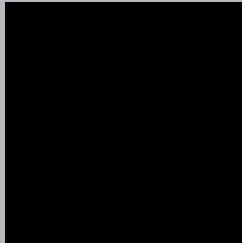
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

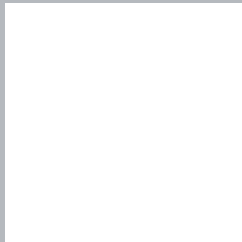
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.051, 261.890

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.051, 261.890.



This preview shows how white text looks on a background with the CIELCh color 75, 3.051, 261.890.

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


75, 3.051, 261.890

Protanopia

75, 2.814, 305.600

Deuteranopia

75, 9.886, 339.353



Tritanopia
75, 7.585, 285.473

Trichromacy



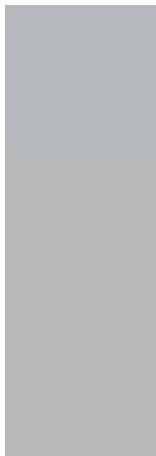
Original Color
75, 3.051, 261.890

Protanomaly
75, 2.707, 290.456

Deuteranomaly
75, 6.795, 327.284

Tritanomaly
75, 5.976, 283.809

Monochromacy



Original Color
75, 3.051, 261.890

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.143, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.051, 261.890 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, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 190)  
}
```

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, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.051, 261.890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

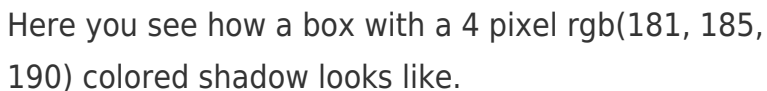
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 185, 190) }
```

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

```
.border{ border-color:rgb(181, 185, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 185, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 185, 190); box-shadow:4px 4px 4px 4px rgb(181, 185, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.051, 261.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 190) }
```

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

```
.background{ background-color: rgb(181,  
185, 190) }
```

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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