

Converting Colors

CIELCh(75, 4.230, 261.759)

Have a look what the booklet for
CIELCh(75, 4.230, 261.759) contains.

CIELCh(75, 4.166, 264.750)	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(75, 4.166, 264.750)

Conversions

Conversions Part 1

Format	Color
Hex	B4B9C0
RGB	180, 185, 192
RGB Percent	71%, 73%, 75%
CMY	0.2936, 0.2740, 0.2466
CMYK	0.06, 0.04, 0.00, 0.25
HSL	215°, 9%, 73%
HSV	215°, 6%, 75%
XYZ	45.7532, 48.2781, 56.8476
YIQ	184.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

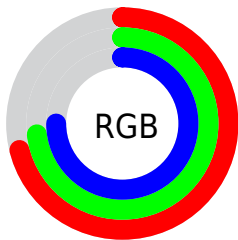
Format	Color
R _Y B	180, 184, 192
Decimal	11844032
CIE Lab	75.00, -0.38, -4.15
CIE LCh	75, 4.166, 264.750
Yxy	48.2781, 0.3032, 0.3200
Android (android.graphics.Color)	4290034112 (0xFFB4B9C0)
YUV	184.3030, 3.7946, -3.7737
Hunter-Lab	69.4824, -4.0545, 0.1291

Details

The CIELCh color $75, 4.166, 264.750$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.183, 83.000$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.971, 264.590$, and $55, 4.422, 265.031$ is the 20% darker color. If you saturate the color by 10%, you get $71, 10.845, 266.155$, and if you desaturate by 10%, it is $79, 2.483, 83.278$.

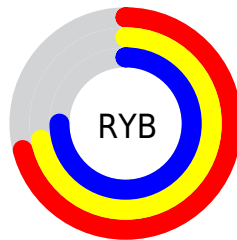
Distribution



Red (71%)

Green (73%)

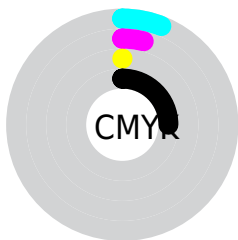
Blue (75%)



Red (71%)

Yellow (72%)

Blue (75%)

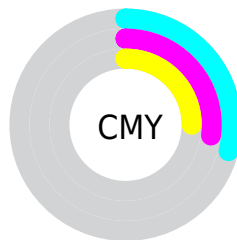


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.166, 264.750 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, 4.166, 264.750 by changing the saturation by 10% instead.

■ 75, 4.166, 264.750

■ 75, 4.166, 264.750

■ 100, 4.166,
264.750

■ 65, 4.166, 264.750

■ 95, 4.166, 264.750

■ 55, 4.166, 264.750

■ 45, 4.166, 264.750

■ 35, 4.166, 264.750

■ 25, 4.166, 264.750

■ 15, 4.166, 264.750

■ 5, 4.166, 264.750

■ 0, 4.166, 264.750

■ 75, 4.166, 264.750

■ 75, 4.166, 264.750

71, 10.845,
266.155

79, 2.483, 83.278

66, 17.547,
267.871

84, 9.087, 82.277

62, 24.264,
269.895

88, 15.636, 81.348

58, 30.997,
272.275

92, 21.760, 82.303

53, 37.758,
275.056

95, 25.546, 96.202

49, 44.582,
278.260

98, 30.404,
105.937

45, 51.519,
281.870

42, 58.621,
285.800

38, 65.909,

289.874

Harmonies

Complementary

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



75, 4.166, 264.750



76, 4.183, 83.000

Rectangle

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



75, 4.166, 264.750



75, 4.166, 314.750



75, 4.166, 84.750



75, 4.166, 134.750

Sweetspot

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



75, 4.165, 264.727



97, 1.656, 264.318



77, 5.246, 166.950



52, 0.941, 264.316



99, 0.012, 296.813



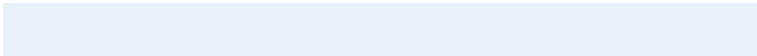
52, 0.007, 296.813

Same Dimension

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



75, 4.165, 264.727



94, 5.778, 264.837



74, 6.520, 293.358



39, 3.045, 264.887



31, 59.324, 290.737



4, 13.968, 275.408

Inverse Universe

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



74, 5.255, 348.853



94, 7.300, 348.941



77, 6.418, 112.266



39, 3.850, 348.980



34, 59.844, 9.433



3, 15.204, 357.204

Previews

White Background



This preview shows how the CIE LCh color 75, 4.166, 264.750 looks on a white background.

Color Contrast Check

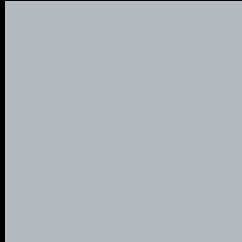
Large Text (above 18pt) WCAG AA × Fail

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, 4.166, 264.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

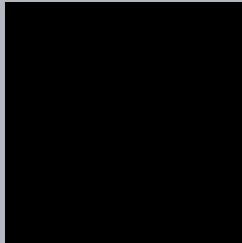
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

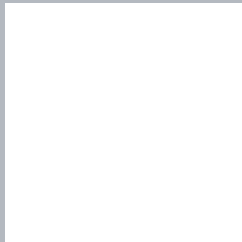
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.166, 264.750

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.166, 264.750.



This preview shows how white text looks on a background with the CIELCh color 75, 4.166, 264.750.

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, 4.166, 264.750

Protanopia

75, 4.480, 304.783

Deuteranopia

75, 10.357, 333.435



Tritanopia
75, 8.155, 283.396

Trichromacy



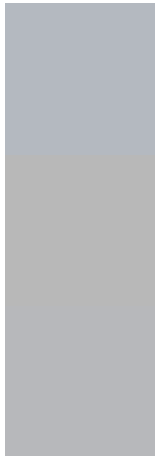
Original Color
75, 4.166, 264.750

Protanomaly
75, 3.786, 290.551

Deuteranomaly
75, 7.493, 320.050

Tritanomaly
75, 6.555, 281.323

Monochromacy



Original Color
75, 4.166, 264.750

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.663, 277.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.166, 264.750 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(180, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 192)  
}
```

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(180, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.166, 264.750 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(180, 185, 192) }
```

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

```
.border{ border-color:rgb(180, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.166, 264.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 192) }
```

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

```
.background{ background-color: rgb(180,  
185, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor