

Converting Colors

CIELCh(74, 2.341, 144.591)

Have a look what the booklet for
CIELCh(74, 2.341, 144.591) contains.

CIELCh(74, 2.635, 144.413)	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(74, 2.635, 144.413)

Conversions

Conversions Part 1

Format	Color
Hex	B3B7B3
RGB	179, 183, 179
RGB Percent	70%, 72%, 70%
CMY	0.2980, 0.2823, 0.2980
CMYK	0.02, 0.00, 0.02, 0.28
HSL	120°, 3%, 71%
HSV	120°, 2%, 72%
XYZ	43.6591, 46.7039, 49.3599
YIQ	181.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

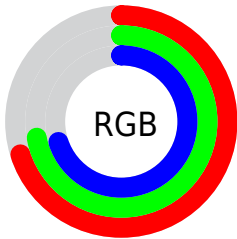
Format	Color
RYB	179, 183, 183
Decimal	11777971
CIELab	74.00, -2.14, 1.53
CIElCh	74, 2.635, 144.413
Yxy	46.7039, 0.3125, 0.3343
Android (android.graphics.Color)	4289968051 (0xFFB3B7B3)
YUV	181.3480, -1.1576, -2.0592
Hunter-Lab	68.3403, -5.5609, 5.0150

Details

The CIELCh color $74, 2.635, 144.413$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 2.653, 324.470$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.503, 144.466$, and $54, 2.809, 144.344$ is the 20% darker color. If you saturate the color by 10%, you get $72, 14.830, 143.732$, and if you desaturate by 10%, it is $76, 9.360, 324.809$.

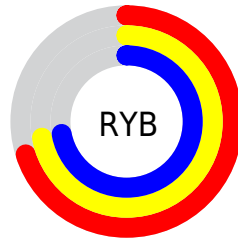
Distribution



Red (70%)

Green (72%)

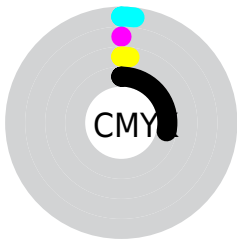
Blue (70%)



Red (70%)

Yellow (72%)

Blue (72%)

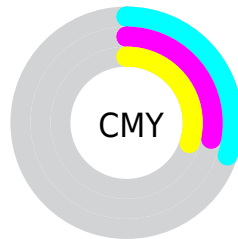


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.635, 144.413 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 74, 2.635, 144.413 by changing the saturation by 10% instead.

■ 74, 2.635, 144.413

■ 74, 2.635, 144.413

■ 100, 2.635,
144.413

■ 64, 2.635, 144.413

■ 94, 2.635, 144.413

■ 54, 2.635, 144.413

■ 44, 2.635, 144.413

■ 34, 2.635, 144.413

■ 24, 2.635, 144.413

■ 14, 2.635, 144.413

■ 4, 2.635, 144.413

■ 0, 2.635, 144.413

■ 74, 2.635, 144.413

■ 74, 2.635, 144.413

72, 14.830,
143.732

76, 9.360, 324.809

71, 27.088,
143.012

78, 21.073,
325.258

69, 39.230,
142.179

80, 32.448,
325.629

68, 51.012,
141.226

83, 43.457,
325.943

67, 62.122,
140.167

83, 45.109,
325.986

66, 72.176,
139.043

66, 80.721,
137.941

65, 87.271,
136.991

65, 91.439,

Harmonies

Complementary

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



74, 2.635, 144.413



73, 2.653, 324.470

Rectangle

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



74, 2.635, 144.413



74, 2.635, 194.413



74, 2.635, 324.413



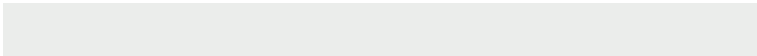
74, 2.635, 14.413

Sweetspot

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



74, 2.637, 144.414



94, 1.481, 144.585



74, 2.152, 109.944



50, 0.849, 144.599



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 2.637, 144.414



93, 4.471, 144.339



74, 1.845, 163.681



39, 2.746, 144.288



56, 82.800, 136.016



8, 18.892, 144.443

Inverse Universe

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



73, 2.653, 324.470



92, 4.490, 324.542



73, 1.862, 343.623



38, 2.755, 324.591



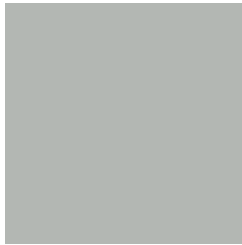
37, 79.888, 328.233



3, 18.823, 324.744

Previews

White Background



This preview shows how the CIELCh color 74, 2.635, 144.413 looks on a white background.

Color Contrast Check

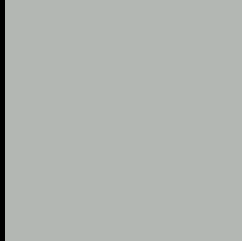
Large Text (above 18pt) WCAG AA × Fail

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 74, 2.635, 144.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

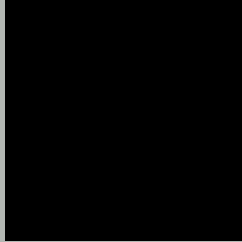
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

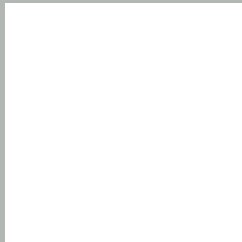
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.635, 144.413

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.635, 144.413.



This preview shows how white text looks on a background with the CIELCh color 74, 2.635, 144.413.

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

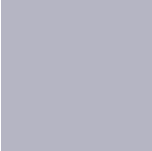
74, 2.635, 144.413

Protanopia

74, 2.468, 60.272

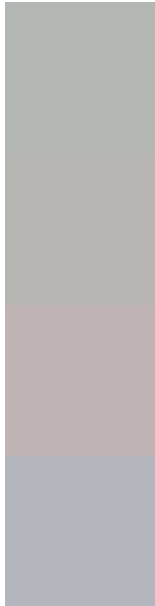
Deuteranopia

74, 9.370, 6.886



Tritanopia
74, 7.586, 290.907

Trichromacy



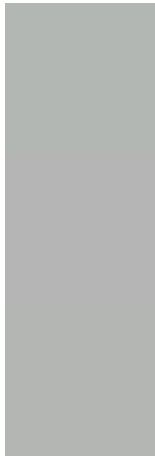
Original Color
74, 2.635, 144.413

Protanomaly
74, 2.181, 100.033

Deuteranomaly
74, 4.937, 13.452

Tritanomaly
74, 3.852, 279.631

Monochromacy



Original Color
74, 2.635, 144.413

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.313, 144.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.635, 144.413 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, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 179)  
}
```

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, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.635, 144.413 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, 183, 179) }
```

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

```
.border{ border-color:rgb(179, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.635, 144.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 179) }
```

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

```
.background{ background-color: rgb(179,  
183, 179) }
```

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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