

Converting Colors

CIELCh(74, 2.267, 242.041)

Have a look what the booklet for
CIELCh(74, 2.267, 242.041) contains.

CIELCh(74, 2.120, 230.255)	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, 2.120, 230.255)

Conversions

Conversions Part 1

Format	Color
Hex	B2B7B9
RGB	178, 183, 185
RGB Percent	70%, 72%, 73%
CMY	0.3029, 0.2832, 0.2754
CMYK	0.04, 0.01, 0.00, 0.28
HSL	197°, 5%, 71%
HSV	197°, 4%, 72%
XYZ	43.9270, 46.7039, 52.4721
YIQ	181.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

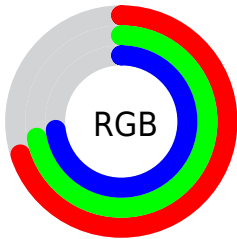
Format	Color
RYB	178, 181, 185
Decimal	11712441
CIELab	74.00, -1.36, -1.63
CIELCh	74, 2.120, 230.255
Yxy	46.7039, 0.3070, 0.3264
Android (android.graphics.Color)	4289902521 (0xFFB2B7B9)
YUV	181.7330, 1.6106, -3.2738
Hunter-Lab	68.3403, -4.8613, 2.3149

Details

The CIELCh color `74, 2.120, 230.255` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 2.157, 49.291`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 2.021, 230.264`, and `54, 2.248, 230.288` is the 20% darker color. If you saturate the color by 10%, you get `71, 7.548, 230.793`, and if you desaturate by 10%, it is `77, 3.527, 49.250`.

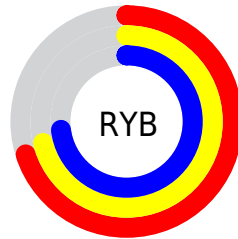
Distribution



Red (70%)

Green (72%)

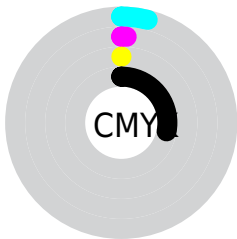
Blue (73%)



Red (70%)

Yellow (71%)

Blue (73%)

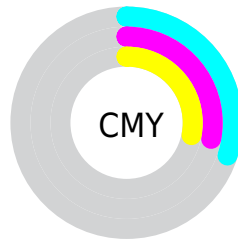


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.120, 230.255 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, 2.120, 230.255 by changing the saturation by 10% instead.

■ 74, 2.120, 230.255

■ 74, 2.120, 230.255

■ 100, 2.120,
230.255

■ 64, 2.120, 230.255

■ 94, 2.120, 230.255

■ 54, 2.120, 230.255

■ 44, 2.120, 230.255

■ 34, 2.120, 230.255

■ 24, 2.120, 230.255

■ 14, 2.120, 230.255

■ 4, 2.120, 230.255

■ 0, 2.120, 230.255

■ 74, 2.120, 230.255

■ 74, 2.120, 230.255

71, 7.548, 230.793

77, 3.527, 49.250

69, 12.698,
231.736

80, 9.340, 48.881

66, 17.501,
232.966

83, 15.274, 48.551

63, 21.891,
234.541

86, 21.294, 48.291

61, 25.803,
236.539

88, 22.248, 63.528

59, 29.194,
239.049

90, 22.853, 71.647

57, 32.054,
242.159

92, 25.320, 85.930

55, 34.424,
245.937

53, 36.412,
250.391

Harmonies

Complementary

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



74, 2.120, 230.255



74, 2.157, 49.291

Rectangle

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



74, 2.120, 230.255



74, 2.120, 280.255



74, 2.120, 50.255



74, 2.120, 100.255

Sweetspot

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



74, 2.120, 230.201



94, 0.698, 230.637



74, 3.775, 153.454



50, 0.397, 230.680



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, 2.120, 230.201



93, 3.447, 230.231



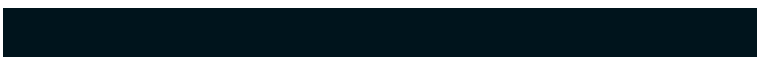
73, 3.025, 279.869



38, 1.885, 230.251



44, 32.924, 252.596



5, 8.623, 242.913

Inverse Universe

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



73, 3.789, 333.865



92, 6.183, 333.972



74, 2.998, 98.906



37, 3.386, 334.012



34, 64.581, 343.546



3, 14.241, 338.502

Previews

White Background



This preview shows how the CIE LCh color 74, 2.120, 230.255 looks on a white background.

Color Contrast Check

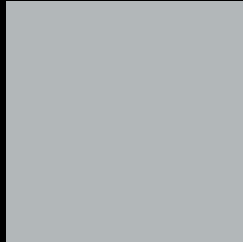
Large Text (above 18pt) WCAG AA × Fail

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, 2.120, 230.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

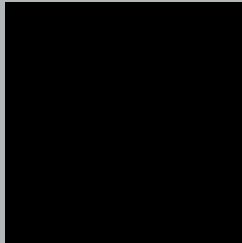
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

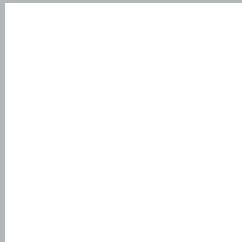
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.120, 230.255

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.120, 230.255.



This preview shows how white text looks on a background with the CIELCh color 74, 2.120, 230.255.

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, 2.120, 230.255

Protanopia

74, 1.987, 324.409

Deuteranopia

74, 9.566, 345.822



Tritanopia
74, 7.608, 285.486

Trichromacy



Original Color

74, 2.120, 230.255

Protanomaly

74, 1.090, 290.336

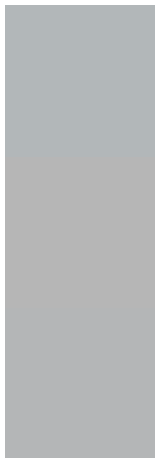
Deuteranomaly

74, 6.253, 336.050

Tritanomaly

74, 4.977, 278.021

Monochromacy



Original Color

74, 2.120, 230.255

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.914, 236.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.120, 230.255 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(178, 183, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 185)  
}
```

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(178, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.120, 230.255 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(178, 183, 185) }
```

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

```
.border{ border-color:rgb(178, 183, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.120, 230.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 185) }
```

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

```
.background{ background-color: rgb(178,  
183, 185) }
```

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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