

Converting Colors

CIELCh(74, 0.565, 299.005)

Have a look what the booklet for
CIELCh(74, 0.565, 299.005) contains.

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Color

CIELCh(74, 0.550, 290.339)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6B7
RGB	182, 182, 183
RGB Percent	71%, 71%, 72%
CMY	0.2871, 0.2871, 0.2831
CMYK	0.01, 0.01, 0.00, 0.28
HSL	240°, 1%, 71%
HSV	240°, 1%, 72%
XYZ	44.4564, 46.7039, 51.3614
YIQ	182.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

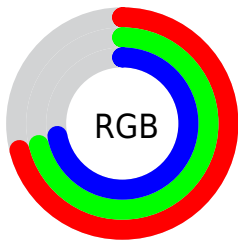
Format	Color
RYB	182, 182, 183
Decimal	11974327
CIELab	74.00, 0.19, -0.52
CIELCh	74, 0.550, 290.339
Yxy	46.7039, 0.3119, 0.3277
Android (android.graphics.Color)	4290164407 (0xFFB6B6B7)
YUV	182.1140, 0.4368, -0.1000
Hunter-Lab	68.3403, -3.4786, 3.2786

Details

The CIELCh color $74, 0.550, 290.339$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 0.530, 109.886$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 0.525, 290.358$, and $54, 0.583, 290.329$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.606, 291.145$, and if you desaturate by 10%, it is $80, 9.126, 109.219$.

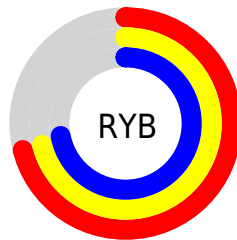
Distribution



Red (71%)

Green (71%)

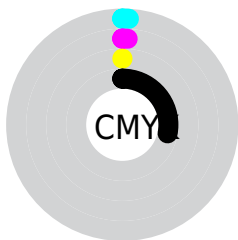
Blue (72%)



Red (71%)

Yellow (71%)

Blue (72%)

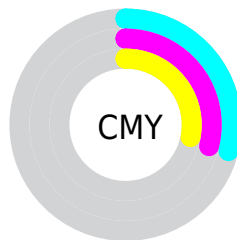


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 0.550, 290.339 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, 0.550, 290.339 by changing the saturation by 10% instead.

■ 74, 0.550, 290.339

■ 74, 0.550, 290.339

100, 0.550,
290.339

■ 64, 0.550, 290.339

■ 94, 0.550, 290.339

■ 54, 0.550, 290.339

■ 44, 0.550, 290.339

■ 34, 0.550, 290.339

■ 24, 0.550, 290.339

■ 14, 0.550, 290.339

■ 4, 0.550, 290.339

■ 0, 0.550, 290.339

■ 74, 0.550, 290.339

■ 74, 0.550, 290.339

68, 10.606,
291.145

80, 9.126, 109.219

61, 21.077,
292.361

86, 18.447,
108.474

55, 31.995,
293.793

92, 27.438,
107.834

49, 43.381,
295.464

98, 36.123,
107.283

43, 55.219,
297.381

99, 36.268,
107.413

37, 67.377,
299.503

31, 79.453,
301.711

27, 90.523,
303.767

24, 99.042,

Harmonies

Complementary

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



74, 0.550, 290.339



74, 0.530, 109.886

Rectangle

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



74, 0.550, 290.339



74, 0.550, 340.339



74, 0.550, 110.339



74, 0.550, 160.339

Sweetspot

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



74, 0.548, 290.217



94, 0.011, 296.813



74, 0.370, 199.375



50, 0.007, 296.813



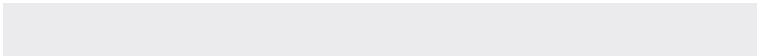
97, 0.011, 296.813

Same Dimension

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



74, 0.548, 290.217



93, 1.229, 290.210



74, 0.581, 308.327



39, 0.566, 290.208



17, 92.346, 306.240



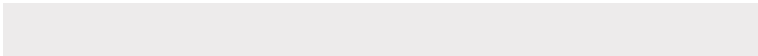
1, 15.349, 290.206

Inverse Universe

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



74, 0.374, 17.799



93, 0.844, 18.463



74, 0.563, 128.647



39, 0.388, 18.393



32, 71.749, 39.473



2, 10.638, 19.213

Previews

White Background



This preview shows how the CIELCh color 74, 0.550, 290.339 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, 0.550, 290.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

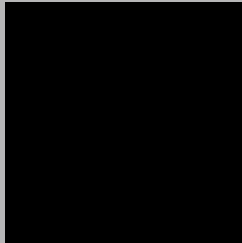
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

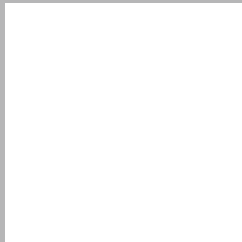
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 0.550, 290.339

Background



This preview shows how black text looks on a background with the CIELCh color 74, 0.550, 290.339.

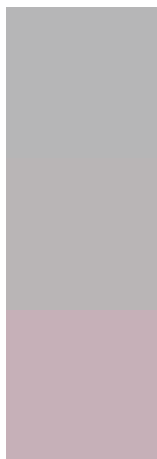


This preview shows how white text looks on a background with the CIELCh color 74, 0.550, 290.339.

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, 0.550, 290.339

Protanopia

74, 1.596, 359.422

Deuteranopia

74, 9.352, 352.694



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color

74, 0.550, 290.339

Protanomaly

74, 1.252, 353.489

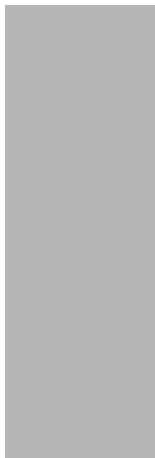
Deuteranomaly

74, 6.186, 348.258

Tritanomaly

74, 4.944, 299.154

Monochromacy



Original Color

74, 0.550, 290.339

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 0.550, 290.339 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(182, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 183)  
}
```

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(182, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 0.550, 290.339 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(182, 182, 183) }
```

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

```
.border{ border-color:rgb(182, 182, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 0.550, 290.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 183) }
```

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

```
.background{ background-color: rgb(182,  
182, 183) }
```

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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