

Converting Colors

CIELCh(75, 1.791, 251.878)

Have a look what the booklet for
CIELCh(75, 1.791, 251.878) contains.

CIELCh(75, 1.949, 255.988)	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, 1.949, 255.988)

Conversions

Conversions Part 1

Format	Color
Hex	B6B9BC
RGB	182, 185, 188
RGB Percent	71%, 73%, 74%
CMY	0.2862, 0.2745, 0.2627
CMYK	0.03, 0.02, 0.00, 0.26
HSL	210°, 4%, 73%
HSV	210°, 3%, 74%
XYZ	45.7215, 48.2781, 54.4903
YIQ	184.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

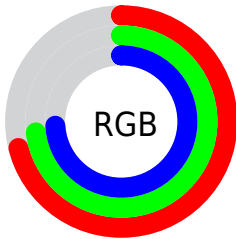
Format	Color
R _Y B	182, 184, 188
Decimal	11975100
CIE Lab	75.00, -0.47, -1.89
CIE LCh	75, 1.949, 255.988
Yxy	48.2781, 0.3079, 0.3251
Android (android.graphics.Color)	4290165180 (0xFFB6B9BC)
YUV	184.4450, 1.7526, -2.1443
Hunter-Lab	69.4824, -4.1361, 2.1406

Details

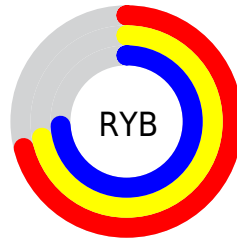
The CIELCh color `75, 1.949, 255.988` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 1.950, 74.803`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 1.858, 255.951`, and `55, 2.068, 256.085` is the 20% darker color. If you saturate the color by 10%, you get `71, 7.998, 257.162`, and if you desaturate by 10%, it is `79, 4.145, 74.507`.

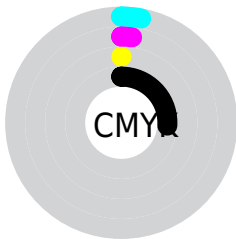
Distribution



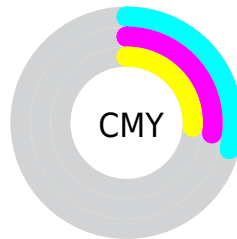
- Red (71%)
- Green (73%)
- Blue (74%)



- Red (71%)
- Yellow (72%)
- Blue (74%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 1.949, 255.988 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, 1.949, 255.988 by changing the saturation by 10% instead.

■ 75, 1.949, 255.988

■ 75, 1.949, 255.988

■ 100, 1.949,
255.988

■ 65, 1.949, 255.988

■ 95, 1.949, 255.988

■ 55, 1.949, 255.988

■ 45, 1.949, 255.988

■ 35, 1.949, 255.988

■ 25, 1.949, 255.988

■ 15, 1.949, 255.988

■ 5, 1.949, 255.988

■ 0, 1.949, 255.988

■ 75, 1.949, 255.988

■ 75, 1.949, 255.988

71, 7.998, 257.162

79, 4.145, 74.507

67, 13.981,
258.761

83, 10.259, 73.566

63, 19.873,
260.675

87, 16.375, 72.724

60, 25.656,
262.957

91, 21.951, 73.781

56, 31.322,
265.664

95, 27.677, 97.084

52, 36.884,
268.844

98, 31.718,
104.789

49, 42.383,
272.513

99, 33.696,
107.612

46, 47.893,
276.634

43, 53.504,
281.084

Harmonies

Complementary

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



75, 1.949, 255.988



75, 1.950, 74.803

Rectangle

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



75, 1.949, 255.988



75, 1.949, 305.988



75, 1.949, 75.988



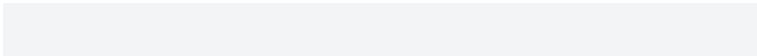
75, 1.949, 125.988

Sweetspot

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



75, 1.948, 255.933



96, 0.763, 256.046



76, 2.788, 162.647



51, 0.434, 256.070



98, 0.011, 296.813



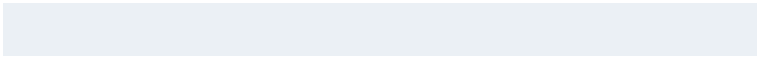
51, 0.007, 296.813

Same Dimension

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



75, 1.948, 255.933



95, 3.022, 256.005



74, 3.199, 289.844



39, 1.732, 256.065



34, 49.882, 283.436



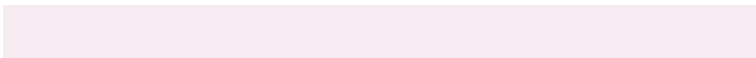
4, 11.547, 268.393

Inverse Universe

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



75, 2.779, 343.742



94, 4.318, 343.843



76, 3.160, 109.183



39, 2.477, 343.908



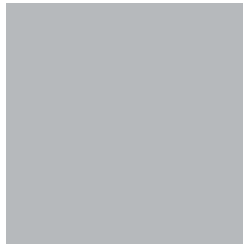
34, 59.352, 1.394



3, 13.953, 351.578

Previews

White Background



This preview shows how the CIELCh color 75, 1.949, 255.988 looks on a white background.

Color Contrast Check

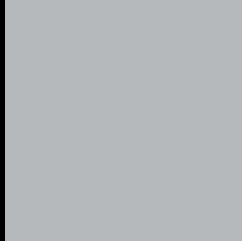
Large Text (above 18pt) WCAG AA × Fail

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, 1.949, 255.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

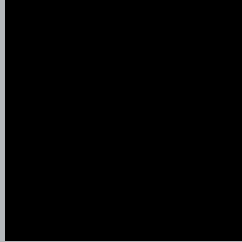
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

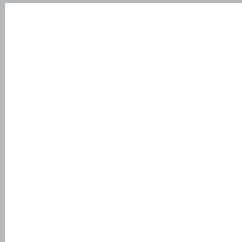
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 1.949, 255.988

Background



This preview shows how black text looks on a background with the CIELCh color 75, 1.949, 255.988.



This preview shows how white text looks on a background with the CIELCh color 75, 1.949, 255.988.

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, 1.949, 255.988

Protanopia

75, 1.981, 324.405

Deuteranopia

75, 9.537, 345.808



Tritanopia
75, 8.124, 293.484

Trichromacy



Original Color

75, 1.949, 255.988

Protanomaly

75, 1.674, 303.099

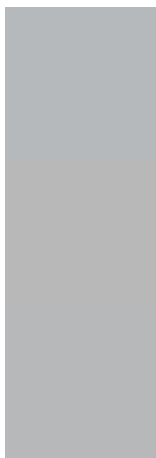
Deuteranomaly

75, 6.234, 336.043

Tritanomaly

75, 5.411, 286.860

Monochromacy



Original Color

75, 1.949, 255.988

Achromatopsia

75, 0.009, 296.813

Achromatomaly

75, 0.656, 256.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 1.949, 255.988 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 185, 188)  
}
```

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, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 185, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 1.949, 255.988 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, 185, 188) }
```

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

```
.border{ border-color:rgb(182, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(182, 185,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 1.949, 255.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 185, 188) }
```

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

```
.background{ background-color: rgb(182,  
185, 188) }
```

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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