

Converting Colors

CIELCh(75, 4.480, 201.033)

Have a look what the booklet for
CIELCh(75, 4.480, 201.033) contains.

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Color

CIELCh(75, 4.374, 199.175)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AFBBBB |
| RGB | 175, 187, 187 |
| RGB Percent | 69%, 73%, 73% |
| CMY | 0.3135, 0.2664, 0.2664 |
| CMYK | 0.06, 0.00, 0.00, 0.27 |
| HSL | 180°, 8%, 71% |
| HSV | 180°, 6%, 73% |
| XYZ | 44.4522, 48.2781, 54.0239 |
| YIQ | 183.4120, -7.1520, -2.5440 |

Conversions

Conversions Part 2

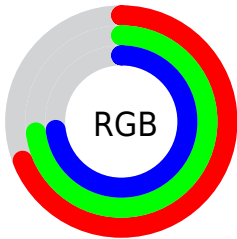
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 175, 181, 187 |
| Decimal | 11516859 |
| CIELab | 75.00, -4.13, -1.44 |
| CIELCh | 75, 4.374, 199.175 |
| Yxy | 48.2781, 0.3029, 0.3290 |
| Android (android.graphics.Color) | 4289706939 (0xFFAFBBBB) |
| YUV | 183.4120, 1.7689, -7.3773 |
| Hunter-Lab | 69.4824, -7.3969, 2.5386 |

Details

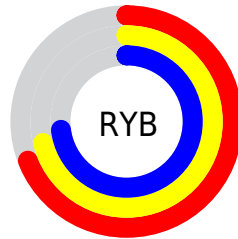
The CIELCh color $75, 4.374, 199.175$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 4.553, 19.661$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.177, 199.284$, and $55, 4.246, 199.069$ is the 20% darker color. If you saturate the color by 10%, you get $74, 10.901, 198.565$, and if you desaturate by 10%, it is $76, 2.497, 19.376$.

Distribution



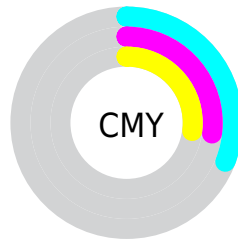
- Red (69%)
- Green (73%)
- Blue (73%)



- Red (69%)
- Yellow (71%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.374, 199.175 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, 4.374, 199.175 by changing the saturation by 10% instead.

 75, 4.374, 199.175

 75, 4.374, 199.175

 100, 4.374,
199.175

 65, 4.374, 199.175

 95, 4.374, 199.175

 55, 4.374, 199.175

 45, 4.374, 199.175

 35, 4.374, 199.175

 25, 4.374, 199.175

 15, 4.374, 199.175

 5, 4.374, 199.175

 0, 4.374, 199.175

 75, 4.374, 199.175

 75, 4.374, 199.175

74, 10.901,
198.565

76, 2.497, 19.376

73, 16.977,
198.075

78, 9.619, 20.111

72, 22.493,
197.644

80, 16.911, 20.735

71, 27.342,
197.273

82, 24.306, 21.358

70, 31.431,
196.965

82, 26.337, 21.524

70, 34.694,
196.722

82, 26.337, 21.519

69, 37.101,
196.544

82, 26.336, 21.514

69, 38.673,
196.427

82, 26.336, 21.509

69, 39.499,

82, 26.336, 21.503

Harmonies

Complementary

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



75, 4.374, 199.175



72, 4.553, 19.661

Rectangle

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



75, 4.374, 199.175



75, 4.374, 249.175



75, 4.374, 19.175



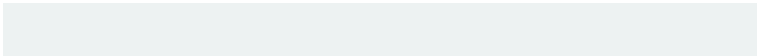
75, 4.374, 69.175

Sweetspot

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



75, 4.375, 199.154



95, 1.698, 199.648



75, 7.874, 143.673



51, 0.973, 199.673



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, 4.375, 199.154



94, 6.701, 199.038



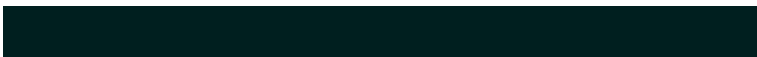
73, 3.843, 254.478



39, 3.863, 198.961



59, 35.066, 196.348



9, 11.664, 196.710

Inverse Universe

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



72, 4.553, 19.661



90, 7.049, 19.800



74, 3.898, 72.742



37, 4.096, 19.897



32, 72.793, 39.654



3, 12.251, 19.390

Previews

White Background



This preview shows how the CIE LCh color 75, 4.374, 199.175 looks on a white background.

Color Contrast Check

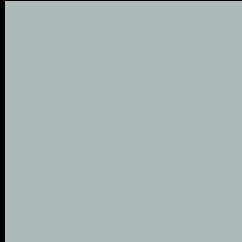
Large Text (above 18pt) WCAG AA × Fail

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, 4.374, 199.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

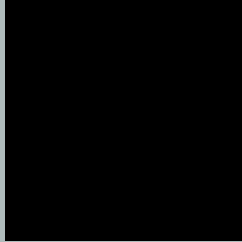
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

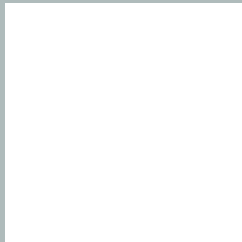
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.374, 199.175

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.374, 199.175.



This preview shows how white text looks on a background with the CIELCh color 75, 4.374, 199.175.

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

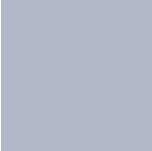
75, 4.374, 199.175

Protanopia

75, 1.248, 353.481

Deuteranopia

75, 9.537, 345.808



Tritanopia
75, 8.526, 271.507

Trichromacy



Original Color
75, 4.374, 199.175

Protanomaly
75, 0.912, 236.331

Deuteranomaly
75, 4.679, 335.919

Tritanomaly
75, 5.978, 253.808

Monochromacy



Original Color
75, 4.374, 199.175

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.476, 199.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.374, 199.175 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(175, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(175, 187, 187)  
}
```

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(175, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.374, 199.175 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(175, 187, 187) }
```

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

```
.border{ border-color:rgb(175, 187, 187) }
```

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

Here you see how a box with a 4 pixel rgb(175, 187, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(175, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.374, 199.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 187, 187) }
```

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

```
.background{ background-color: rgb(175,  
187, 187) }
```

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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