

Converting Colors

CIELCh(74, 7.545, 217.080)

Have a look what the booklet for
CIELCh(74, 7.545, 217.080) contains.

CIELCh(74, 7.755, 215.165)	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, 7.755, 215.165)

Conversions

Conversions Part 1

Format	Color
Hex	A5BABE
RGB	165, 186, 190
RGB Percent	65%, 73%, 75%
CMY	0.3538, 0.2715, 0.2558
CMYK	0.13, 0.02, 0.00, 0.26
HSL	190°, 16%, 70%
HSV	190°, 13%, 74%
XYZ	42.2497, 46.7039, 55.3714
YIQ	180.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

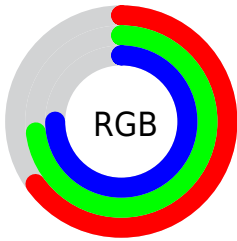
Format	Color
R_{YB}	165, 176, 190
Decimal	10861246
CIE _{Lab}	74.00, -6.34, -4.47
CIE _{LCh}	74, 7.755, 215.165
Yxy	46.7039, 0.2927, 0.3236
Android (android.graphics.Color)	4289051326 (0xFFA5BABE)
YUV	180.1770, 4.8427, -13.3102
Hunter-Lab	68.3403, -9.2422, -0.2004

Details

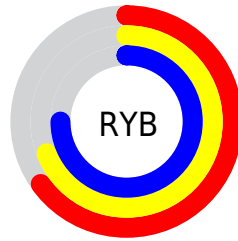
The CIELCh color $74, 7.755, 215.165$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 8.445, 34.895$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.766, 214.429$, and $54, 7.784, 216.032$ is the 20% darker color. If you saturate the color by 10%, you get $72, 13.231, 215.390$, and if you desaturate by 10%, it is $76, 1.916, 215.227$.

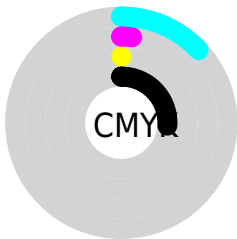
Distribution



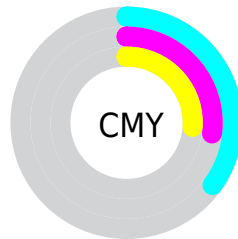
- Red (65%)
- Green (73%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (27%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.755, 215.165 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, 7.755, 215.165 by changing the saturation by 10% instead.

 74, 7.755, 215.165

 74, 7.755, 215.165

 100, 7.755,
215.165

 64, 7.755, 215.165

 94, 7.755, 215.165

 54, 7.755, 215.165

 44, 7.755, 215.165

 34, 7.755, 215.165

 24, 7.755, 215.165

 14, 7.755, 215.165

 4, 7.755, 215.165

 0, 7.755, 215.165

 74, 7.755, 215.165

 74, 7.755, 215.165

72, 13.231,
215.390

76, 1.916, 215.227

70, 18.254,
215.812

78, 4.206, 34.792

68, 22.727,
216.451

81, 10.540, 34.915

66, 26.560,
217.355

85, 21.822, 36.282

65, 29.677,
218.582

86, 21.218, 41.032

64, 32.030,
220.200

87, 20.773, 46.024

62, 33.619,
222.277

88, 20.495, 51.191

61, 34.509,
224.871

88, 20.391, 56.451

60, 34.867,

226.867

Harmonies

Complementary

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



74, 7.755, 215.165



71, 8.445, 34.895

Rectangle

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



74, 7.755, 215.165



74, 7.755, 265.165



74, 7.755, 35.165



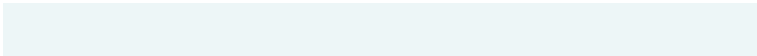
74, 7.755, 85.165

Sweetspot

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



74, 7.755, 215.152



96, 2.990, 215.174



75, 14.876, 148.015



52, 2.138, 215.147



99, 0.012, 296.813



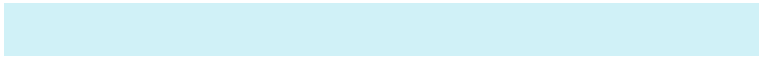
52, 0.007, 296.813

Same Dimension

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



74, 7.755, 215.152



93, 11.580, 215.206



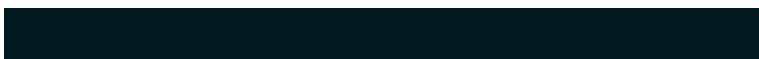
71, 9.344, 271.565



39, 3.356, 215.114



51, 30.464, 226.394



7, 9.675, 221.478

Inverse Universe

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



70, 14.810, 329.937



88, 22.342, 330.130



74, 9.385, 88.102



37, 6.329, 329.697



36, 71.462, 335.707



3, 18.340, 332.093

Previews

White Background



This preview shows how the CIELCh color 74, 7.755, 215.165 looks on a white background.

Color Contrast Check

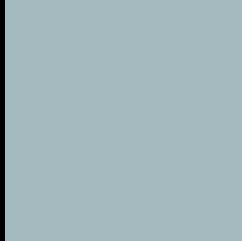
Large Text (above 18pt) WCAG AA × Fail

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, 7.755, 215.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

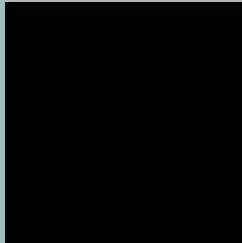
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

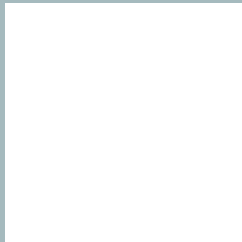
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.755, 215.165

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.755, 215.165.



This preview shows how white text looks on a background with the CIELCh color 74, 7.755, 215.165.

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, 7.755, 215.165

Protanopia

74, 3.348, 303.202

Deuteranopia

74, 11.194, 329.657



Tritanopia
74, 10.143, 252.558

Trichromacy



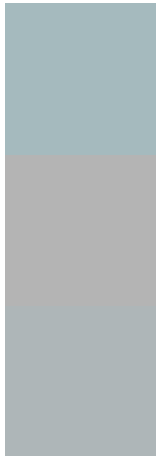
Original Color
74, 7.755, 215.165

Protanomaly
74, 3.686, 246.719

Deuteranomaly
74, 6.162, 304.457

Tritanomaly
74, 8.844, 241.510

Monochromacy



Original Color
74, 7.755, 215.165

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.109, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.755, 215.165 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(165, 186, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 186, 190)  
}
```

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(165, 186, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 186, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.755, 215.165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

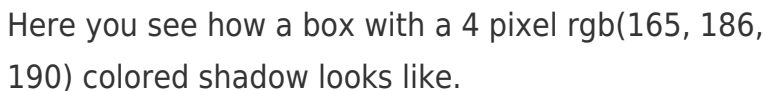
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 186, 190) }
```

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

```
.border{ border-color:rgb(165, 186, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 186, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 186, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 186, 190); box-shadow:4px 4px 4px 4px rgb(165, 186, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.755, 215.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 186, 190) }
```

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

```
.background{ background-color: rgb(165,  
186, 190) }
```

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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