

Converting Colors

CIELCh(75, 6.188, 186.532)

Have a look what the booklet for
CIELCh(75, 6.188, 186.532) contains.

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Color

CIELCh(75, 5.941, 188.532)

Conversions

Conversions Part 1

Format	Color
Hex	ACBCBA
RGB	172, 188, 186
RGB Percent	67%, 74%, 73%
CMY	0.3255, 0.2628, 0.2706
CMYK	0.09, 0.00, 0.01, 0.26
HSL	172°, 11%, 71%
HSV	172°, 9%, 74%
XYZ	43.8556, 48.2781, 53.4576
YIQ	182.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

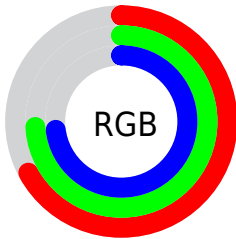
Format	Color
RYB	172, 181, 188
Decimal	11320506
CIELab	75.00, -5.88, -0.88
CIELCh	75, 5.941, 188.532
Yxy	48.2781, 0.3012, 0.3316
Android (android.graphics.Color)	4289510586 (0xFFACBCBA)
YUV	182.9880, 1.4849, -9.6365
Hunter-Lab	69.4824, -8.9294, 3.0219

Details

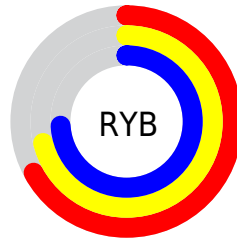
The CIELCh color $75, 5.941, 188.532$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 6.190, 9.765$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.011, 189.263$, and $55, 5.913, 187.646$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.673, 187.656$, and if you desaturate by 10%, it is $76, 1.058, 8.754$.

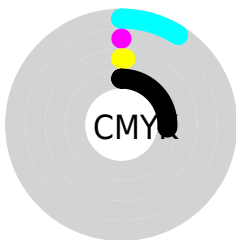
Distribution



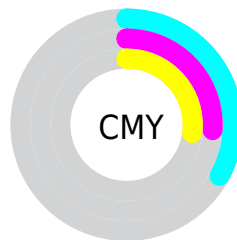
- Red (67%)
- Green (74%)
- Blue (73%)



- Red (67%)
- Yellow (71%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.941, 188.532 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, 5.941, 188.532 by changing the saturation by 10% instead.

■ 75, 5.941, 188.532

■ 75, 5.941, 188.532

■ 100, 5.941,
188.532

■ 65, 5.941, 188.532

■ 95, 5.941, 188.532

■ 55, 5.941, 188.532

■ 45, 5.941, 188.532

■ 35, 5.941, 188.532

■ 25, 5.941, 188.532

■ 15, 5.941, 188.532

■ 5, 5.941, 188.532

■ 0, 5.941, 188.532

■ 75, 5.941, 188.532

■ 75, 5.941, 188.532

74, 12.673,
187.656

76, 1.058, 8.754

73, 19.028,
186.802

78, 8.233, 9.954

71, 24.892,
185.925

80, 15.506, 10.751

71, 30.149,
185.011

83, 25.906, 10.242

70, 34.694,
184.046

83, 26.057, 7.558

69, 38.447,
183.012

83, 26.269, 4.914

69, 41.367,
181.890

83, 26.540, 2.320

69, 43.467,
180.660

83, 26.868,
359.787

69, 44.879,

179.324

Harmonies

Complementary

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



75, 5.941, 188.532



72, 6.190, 9.765

Rectangle

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



75, 5.941, 188.532



75, 5.941, 238.532



75, 5.941, 8.532



75, 5.941, 58.532

Sweetspot

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



75, 5.942, 188.519



96, 2.616, 189.108



75, 10.118, 140.372



51, 1.980, 188.995



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, 5.942, 188.519



95, 8.627, 188.372



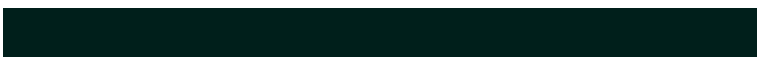
73, 4.809, 240.758



39, 3.963, 188.443



58, 39.576, 179.322



9, 12.459, 183.393

Inverse Universe

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



72, 6.190, 9.765



90, 9.057, 9.932



73, 4.991, 58.967



37, 4.144, 9.850



33, 67.850, 33.858



3, 12.369, 12.233

Previews

White Background



This preview shows how the CIELCh color 75, 5.941, 188.532 looks on a white background.

Color Contrast Check

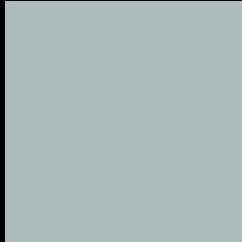
Large Text (above 18pt) WCAG AA × Fail

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, 5.941, 188.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

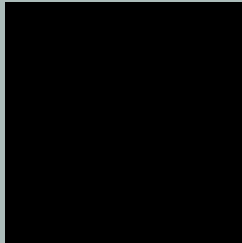
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

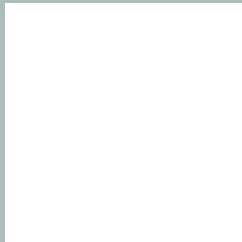
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.941, 188.532

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.941, 188.532.



This preview shows how white text looks on a background with the CIELCh color 75, 5.941, 188.532.

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, 5.941, 188.532

Protanopia

75, 1.867, 19.282

Deuteranopia

75, 9.574, 349.806



Tritanopia
75, 9.046, 263.066

Trichromacy



Original Color
75, 5.941, 188.532

Protanomaly
75, 1.236, 173.903

Deuteranomaly
75, 4.039, 337.702

Tritanomaly
75, 6.881, 244.202

Monochromacy



Original Color
75, 5.941, 188.532

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.283, 185.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.941, 188.532 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(172, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 186)  
}
```

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(172, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.941, 188.532 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(172, 188, 186) }
```

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

```
.border{ border-color:rgb(172, 188, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 186);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.941, 188.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 186) }
```

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

```
.background{ background-color: rgb(172,  
188, 186) }
```

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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