

Converting Colors

CIELCh(75, 10.925, 262.490)

Have a look what the booklet for
CIELCh(75, 10.925, 262.490)
contains.

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Color

CIELCh(75, 10.915, 262.478)

Conversions

Conversions Part 1

Format	Color
Hex	ABBACC
RGB	171, 186, 204
RGB Percent	67%, 73%, 80%
CMY	0.3285, 0.2696, 0.1990
CMYK	0.16, 0.09, 0.00, 0.20
HSL	213°, 25%, 74%
HSV	213°, 16%, 80%
XYZ	45.3872, 48.2781, 64.2105
YIQ	183.5670, -14.7180, 2.4180

Conversions

Conversions Part 2

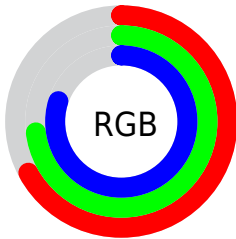
Format	Color
R _Y B	171, 181, 204
Decimal	11254476
CIE Lab	75.00, -1.43, -10.82
CIE LCh	75, 10.915, 262.478
Yxy	48.2781, 0.2875, 0.3058
Android (android.graphics.Color)	4289444556 (0xFFABBACC)
YUV	183.5670, 10.0735, -11.0213
Hunter-Lab	69.4824, -4.9947, -6.1537

Details

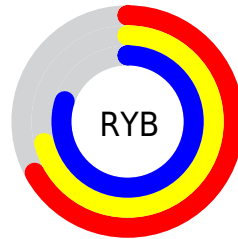
The CIELCh color $75, 10.915, 262.478$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 11.242, 78.103$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.311, 252.920$, and $55, 11.038, 261.787$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.637, 264.196$, and if you desaturate by 10%, it is $79, 4.167, 261.047$.

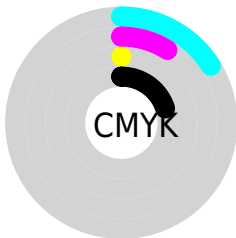
Distribution



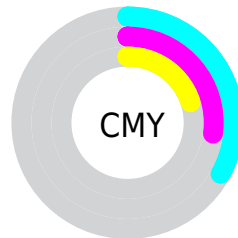
- Red (67%)
- Green (73%)
- Blue (80%)



- Red (67%)
- Yellow (71%)
- Blue (80%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.915, 262.478 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, 10.915, 262.478 by changing the saturation by 10% instead.


 75, 10.915,
262.478


 75, 10.915,
262.478


 100, 10.915,
262.478


 65, 10.915,
262.478


 95, 10.915,
262.478

 55, 10.915,
262.478

 45, 10.915,
262.478

 35, 10.915,
262.478

 25, 10.915,
262.478

 15, 10.915,
262.478

 5, 10.915, 262.478

0, 10.915, 262.478

75, 10.915,
262.478

75, 10.915,
262.478

71, 17.637,
264.196

79, 4.167, 261.047

84, 2.585, 79.578

66, 24.323,
266.243

88, 9.324, 78.594

62, 30.963,
268.663

93, 16.037, 77.677

58, 37.566,
271.506

96, 19.848, 94.315

98, 24.692,
106.629

54, 44.162,
274.803

99, 25.610,
108.234

50, 50.809,
278.544

■ 46, 57.580,
282.649

■ 43, 64.538,
286.948

■ 41, 67.277,
288.521

Harmonies

Complementary

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



75, 10.915, 262.478



77, 11.242, 78.103

Rectangle

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



75, 10.915, 262.478



75, 10.915, 312.478



75, 10.915, 82.478



75, 10.915, 132.478

Sweetspot

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



75, 10.914, 262.471



97, 4.052, 260.917



79, 14.591, 164.089



52, 2.764, 261.000



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 10.914, 262.471



90, 15.357, 262.971



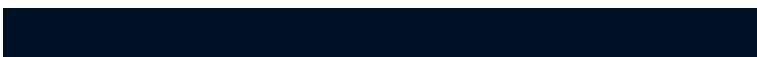
71, 18.055, 293.147



41, 3.831, 261.470



34, 56.716, 287.839



5, 16.004, 274.888

Inverse Universe

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



73, 14.829, 347.599



88, 20.949, 347.913



81, 17.402, 110.019



40, 5.156, 346.938



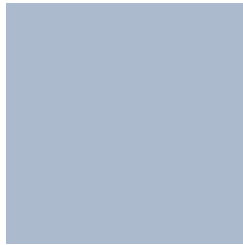
35, 61.157, 5.939



4, 19.502, 356.320

Previews

White Background



This preview shows how the CIELCh color 75, 10.915, 262.478 looks on a white background.

Color Contrast Check

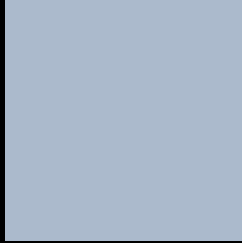
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 10.915, 262.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

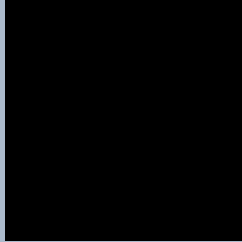
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

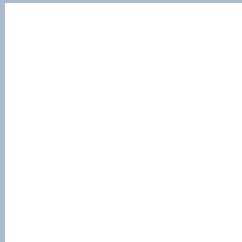
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.915, 262.478

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.915, 262.478.



This preview shows how white text looks on a background with the CIELCh color 75, 10.915, 262.478.

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, 10.915, 262.478

Protanopia

75, 10.271, 289.168

Deuteranopia

75, 15.396, 309.018



Tritanopia
75, 9.725, 255.755

Trichromacy



Original Color
75, 10.915, 262.478

Protanomaly
75, 10.438, 279.456

Deuteranomaly
75, 12.473, 294.598

Tritanomaly
75, 10.162, 257.613

Monochromacy



Original Color
75, 10.915, 262.478

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.875, 256.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.915, 262.478 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(171, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 204)  
}
```

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(171, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.915, 262.478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

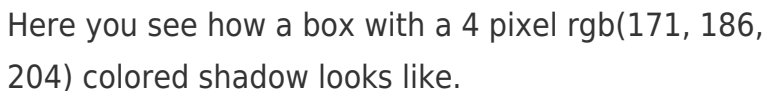
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 186, 204) }
```

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

```
.border{ border-color:rgb(171, 186, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 186, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 186, 204); box-shadow:4px 4px 4px 4px rgb(171, 186, 204) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.915, 262.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 204) }
```

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

```
.background{ background-color: rgb(171,  
186, 204) }
```

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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