

Converting Colors

CIELCh(75, 11.323, 266.748)

Have a look what the booklet for
CIELCh(75, 11.323, 266.748)
contains.

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Color

CIELCh(75, 11.242, 265.448)

Conversions

Conversions Part 1

Format	Color
Hex	ACBACD
RGB	172, 186, 205
RGB Percent	67%, 73%, 80%
CMY	0.3256, 0.2707, 0.1962
CMYK	0.16, 0.09, 0.00, 0.20
HSL	215°, 25%, 74%
HSV	215°, 16%, 80%
XYZ	45.5745, 48.2781, 64.6543
YIQ	183.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

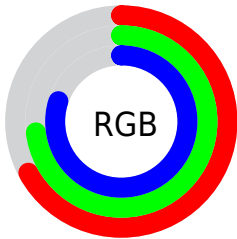
Format	Color
R _Y B	172, 182, 205
Decimal	11320013
CIE Lab	75.00, -0.89, -11.21
CIE LCh	75, 11.242, 265.448
Yxy	48.2781, 0.2875, 0.3046
Android (android.graphics.Color)	4289510093 (0xFFACBACD)
YUV	183.9800, 10.3629, -10.5065
Hunter-Lab	69.4824, -4.5137, -6.5324

Details

The CIELCh color $75, 11.242, 265.448$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 11.494, 81.070$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.117, 254.824$, and $55, 11.381, 264.925$ is the 20% darker color. If you saturate the color by 10%, you get $70, 18.240, 267.164$, and if you desaturate by 10%, it is $80, 4.256, 264.011$.

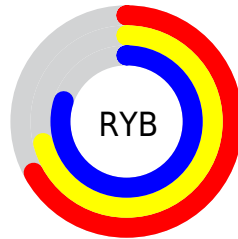
Distribution



Red (67%)

Green (73%)

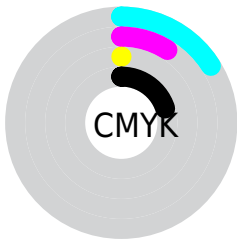
Blue (80%)



Red (67%)

Yellow (71%)

Blue (80%)

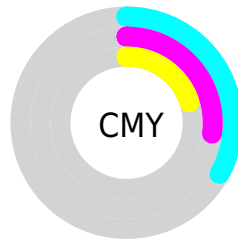


Cyan (16%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (33%)


Magenta (27%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.242, 265.448 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, 11.242, 265.448 by changing the saturation by 10% instead.

 75, 11.242,
265.448

 75, 11.242,
265.448


 100, 11.242,
265.448


 65, 11.242,
265.448


 95, 11.242,
265.448

 55, 11.242,
265.448

 45, 11.242,
265.448

 35, 11.242,
265.448

 25, 11.242,
265.448

 15, 11.242,
265.448

 5, 11.242, 265.448

0, 11.242, 265.448

75, 11.242,
265.448

75, 11.242,
265.448

70, 18.240,
267.164

80, 4.256, 264.011

66, 25.244,
269.200

84, 2.702, 82.557

61, 32.252,
271.599

89, 9.620, 81.554

57, 39.279,
274.404

93, 16.486, 80.625

53, 46.357,
277.643

96, 20.699, 98.087

99, 25.250,
108.262

49, 53.543,
281.296

■ 45, 60.896,
285.279

■ 41, 68.445,
289.415

■ 40, 71.448,
290.944

Harmonies

Complementary

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



75, 11.242, 265.448



78, 11.494, 81.070

Rectangle

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



75, 11.242, 265.448



75, 11.242, 315.448



75, 11.242, 85.448



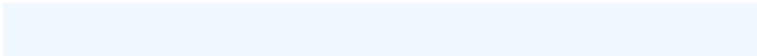
75, 11.242, 135.448

Sweetspot

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



75, 11.241, 265.441



97, 4.166, 263.886



80, 14.230, 165.987



52, 2.842, 263.971



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, 11.241, 265.441



90, 15.844, 265.951



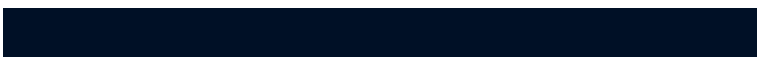
71, 18.054, 294.352



41, 3.943, 264.445



32, 60.043, 290.284



5, 16.570, 277.005

Inverse Universe

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



74, 14.545, 349.401



88, 20.575, 349.731



81, 17.406, 111.417



40, 5.058, 348.726



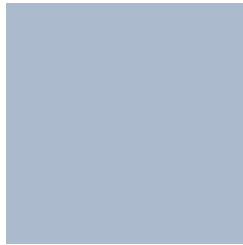
35, 61.206, 8.857



4, 19.262, 358.124

Previews

White Background



This preview shows how the CIELCh color 75, 11.242, 265.448 looks on a white background.

Color Contrast Check

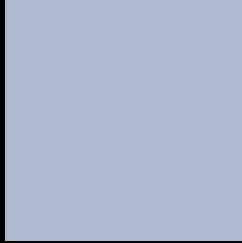
Large Text (above 18pt) WCAG AA × Fail

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, 11.242, 265.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

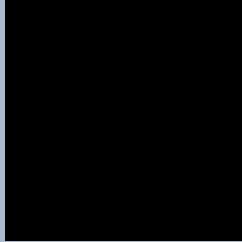
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

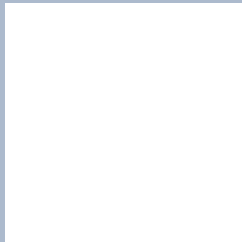
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.242, 265.448

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.242, 265.448.



This preview shows how white text looks on a background with the CIELCh color 75, 11.242, 265.448.

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

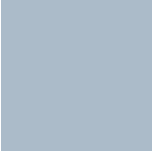
75, 11.242, 265.448

Protanopia

75, 10.811, 289.321

Deuteranopia

75, 14.760, 308.303



Tritanopia
75, 9.299, 253.728

Trichromacy



Original Color
75, 11.242, 265.448

Protanomaly
75, 10.965, 280.102

Deuteranomaly
75, 13.040, 296.056

Tritanomaly
75, 9.725, 255.755

Monochromacy



Original Color
75, 11.242, 265.448

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.166, 264.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.242, 265.448 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, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 205)  
}
```

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, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.242, 265.448 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, 186, 205) }
```

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

```
.border{ border-color:rgb(172, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(172, 186,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.242, 265.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 205) }
```

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

```
.background{ background-color: rgb(172,  
186, 205) }
```

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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