

Converting Colors

CIELCh(75, 16.455, 130.813)

Have a look what the booklet for
CIELCh(75, 16.455, 130.813)
contains.

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Color

CIELCh(75, 16.762, 130.200)

Conversions

Conversions Part 1

Format	Color
Hex	AEBEA1
RGB	174, 190, 161
RGB Percent	68%, 75%, 63%
CMY	0.3184, 0.2557, 0.3694
CMYK	0.08, 0.00, 0.15, 0.26
HSL	93°, 18%, 69%
HSV	93°, 15%, 74%
XYZ	42.1936, 48.2781, 40.7198
YIQ	181.9100, -0.2270, -12.4110

Conversions

Conversions Part 2

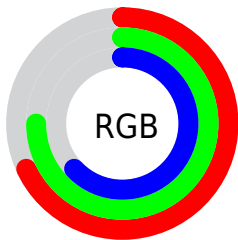
Format	Color
R _{YB}	161, 190, 177
Decimal	11452065
CIE Lab	75.00, -10.82, 12.80
CIE LCh	75, 16.762, 130.200
Yxy	48.2781, 0.3216, 0.3680
Android (android.graphics.Color)	4289642145 (0xFFAEBEA1)
YUV	181.9100, -10.3086, -6.9371
Hunter-Lab	69.4824, -13.1992, 13.8911

Details

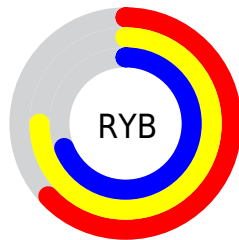
The CIELCh color $75, 16.762, 130.200$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68, 17.075, 311.516$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 16.436, 129.697$, and $55, 17.282, 130.656$ is the 20% darker color. If you saturate the color by 10%, you get $74, 27.735, 129.728$, and if you desaturate by 10%, it is $76, 5.773, 130.660$.

Distribution



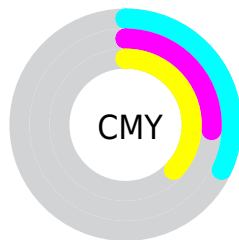
- Red (68%)
- Green (75%)
- Blue (63%)



- Red (63%)
- Yellow (75%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (26%)





- Cyan (32%)
- Magenta (26%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.762, 130.200 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, 16.762, 130.200 by changing the saturation by 10% instead.


 75, 16.762,
130.200


 75, 16.762,
130.200


 100, 16.762,
130.200


 65, 16.762,
130.200


 95, 16.762,
130.200

 55, 16.762,
130.200

 45, 16.762,
130.200

 35, 16.762,
130.200

 25, 16.762,
130.200

 15, 16.762,
130.200

 5, 16.762, 130.200

0, 16.762, 130.200

75, 16.762,
130.200

75, 16.762,
130.200

74, 27.735,
129.728

76, 5.773, 130.660

73, 38.579,
129.244

78, 5.162, 311.021

72, 49.144,
128.776

79, 15.989,
311.408

71, 59.212,
128.371

80, 26.668,
311.743

70, 68.475,
128.103

82, 36.831,
312.225

70, 76.522,
128.078

83, 38.062,
317.415

84, 39.573,

■ 69, 82.886,
128.423

322.338

■ 69, 87.224,
129.237

■ 85, 40.883,
325.843

■ 69, 88.832,
129.684

Harmonies

Complementary

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



75, 16.762, 130.200



68, 17.075, 311.516

Rectangle

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



75, 16.762, 130.200



75, 16.762, 180.200



75, 16.762, 310.200



75, 16.762, 0.200

Sweetspot

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



75, 16.764, 130.202



97, 6.781, 130.670



73, 10.028, 78.682



52, 4.666, 130.636



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 16.764, 130.202



95, 24.498, 130.061



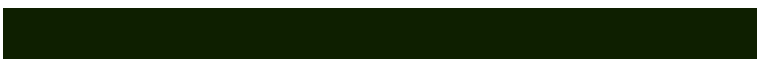
74, 18.534, 144.870



39, 6.181, 130.474



58, 77.418, 129.464



9, 19.415, 134.665

Inverse Universe

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



68, 17.075, 311.516



85, 25.040, 311.657



69, 18.558, 326.645



37, 6.256, 311.243



25, 86.232, 313.274



2, 18.246, 306.815

Previews

White Background



This preview shows how the CIELCh color 75, 16.762, 130.200 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, 16.762, 130.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

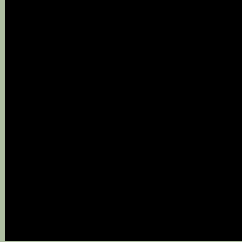
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

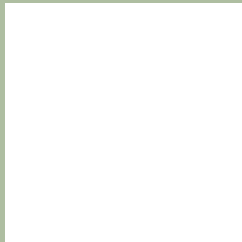
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 16.762, 130.200

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.762, 130.200.



This preview shows how white text looks on a background with the CIELCh color 75, 16.762, 130.200.

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, 16.762, 130.200

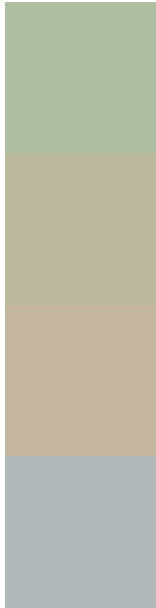
Protanopia
75, 14.510, 93.053

Deuteranopia
75, 15.095, 52.337



Tritanopia
75, 8.203, 280.928

Trichromacy



Original Color
75, 16.762, 130.200

Protanomaly
75, 14.487, 107.242

Deuteranomaly
75, 12.275, 80.453

Tritanomaly
75, 2.996, 188.953

Monochromacy



Original Color
75, 16.762, 130.200

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.363, 130.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.762, 130.200 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(174, 190, 161)` looks like.

```
.text, #text, p{  
    color:rgb(174, 190, 161)  
}
```

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(174, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 190, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.762, 130.200 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(174, 190, 161) }
```

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

```
.border{ border-color:rgb(174, 190, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 190, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 190,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.762, 130.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 190, 161) }
```

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

```
.background{ background-color: rgb(174,  
190, 161) }
```

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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