

Converting Colors

CIELCh(75, 12.970, 136.662)

Have a look what the booklet for
CIELCh(75, 12.970, 136.662)
contains.

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Color

CIELCh(75, 12.865, 137.177)

Conversions

Conversions Part 1

Format	Color
Hex	ADBDA8
RGB	173, 189, 168
RGB Percent	68%, 74%, 66%
CMY	0.3204, 0.2576, 0.3400
CMYK	0.08, 0.00, 0.11, 0.26
HSL	106°, 14%, 70%
HSV	106°, 11%, 74%
XYZ	42.6543, 48.2781, 44.2579
YIQ	181.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

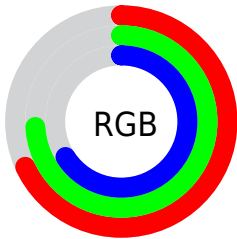
Format	Color
R _{YB}	168, 189, 184
Decimal	11386280
CIE Lab	75.00, -9.44, 8.74
CIE LCh	75, 12.865, 137.177
Yxy	48.2781, 0.3155, 0.3571
Android (android.graphics.Color)	4289576360 (0xFFADBDA8)
YUV	181.8220, -6.8142, -7.7369
Hunter-Lab	69.4824, -12.0157, 10.8721

Details

The CIELCh color `75, 12.865, 137.177` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 12.959, 318.120`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 12.865, 137.601`, and `55, 12.988, 136.657` is the 20% darker color. If you saturate the color by 10%, you get `74, 24.537, 136.661`, and if you desaturate by 10%, it is `77, 1.259, 137.766`.

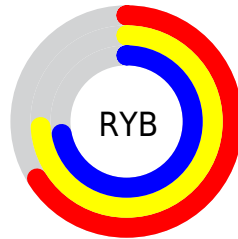
Distribution



Red (68%)

Green (74%)

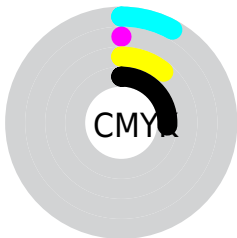
Blue (66%)



Red (66%)

Yellow (74%)

Blue (72%)

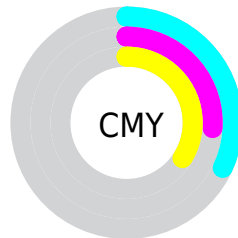


Cyan (8%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (32%)


Magenta (26%)


Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.865, 137.177 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, 12.865, 137.177 by changing the saturation by 10% instead.


 75, 12.865,
137.177


 75, 12.865,
137.177


 100, 12.865,
137.177


 65, 12.865,
137.177


 95, 12.865,
137.177

 55, 12.865,
137.177

 45, 12.865,
137.177

 35, 12.865,
137.177

 25, 12.865,
137.177

 15, 12.865,
137.177

 5, 12.865, 137.177

0, 12.865, 137.177

75, 12.865,
137.177

75, 12.865,
137.177

74, 24.537,
136.661

77, 1.259, 137.766

72, 36.151,
136.093

78, 10.203,
317.991

71, 47.542,
135.483

80, 21.459,
318.341

70, 58.486,
134.860

82, 32.471,
318.638

69, 68.676,
134.279

84, 39.622,
321.603

69, 77.706,
133.827

84, 41.193,
325.853

■ 68, 85.090,
133.625

■ 68, 90.370,
133.792

■ 67, 93.420,
134.175

Harmonies

Complementary

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



75, 12.865, 137.177



71, 12.959, 318.120

Rectangle

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



75, 12.865, 137.177



75, 12.865, 187.177



75, 12.865, 317.177



75, 12.865, 7.177

Sweetspot

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



75, 12.867, 137.179



97, 4.296, 137.586



75, 8.701, 95.912



52, 3.287, 137.539



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, 12.867, 137.179



95, 18.746, 137.073



75, 11.621, 151.614



39, 6.547, 137.264



57, 81.609, 134.027



9, 20.462, 139.665

Inverse Universe

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



71, 12.959, 318.120



89, 18.899, 318.214



71, 11.670, 333.031



37, 6.590, 318.042



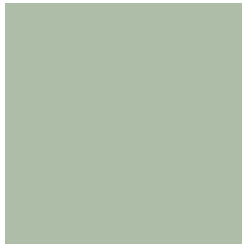
31, 82.837, 319.487



3, 19.307, 315.119

Previews

White Background



This preview shows how the CIELCh color 75, 12.865, 137.177 looks on a white background.

Color Contrast Check

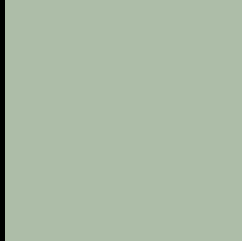
Large Text (above 18pt) WCAG AA × Fail

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, 12.865, 137.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

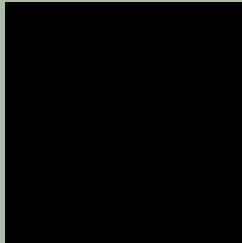
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

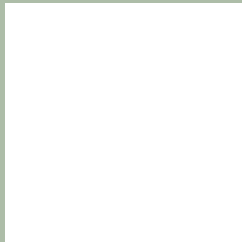
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.865, 137.177

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.865, 137.177.



This preview shows how white text looks on a background with the CIELCh color 75, 12.865, 137.177.

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, 12.865, 137.177

Protanopia
75, 10.667, 92.244

Deuteranopia
75, 11.914, 38.574



Tritanopia
75, 7.911, 272.538

Trichromacy



Original Color
75, 12.865, 137.177

Protanomaly
75, 10.750, 111.202

Deuteranomaly
75, 8.171, 71.656

Tritanomaly
75, 4.032, 206.923

Monochromacy



Original Color
75, 12.865, 137.177

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.881, 137.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.865, 137.177 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(173, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 189, 168)  
}
```

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(173, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 189, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.865, 137.177 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(173, 189, 168) }
```

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

```
.border{ border-color:rgb(173, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 189,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.865, 137.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 189, 168) }
```

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

```
.background{ background-color: rgb(173,  
189, 168) }
```

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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