

Converting Colors

CIELCh(75, 20.890, 142.407)

Have a look what the booklet for
CIELCh(75, 20.890, 142.407)
contains.

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Color

CIELCh(75, 20.895, 142.634)

Conversions

Conversions Part 1

Format	Color
Hex	A2C1A1
RGB	162, 193, 161
RGB Percent	64%, 76%, 63%
CMY	0.3655, 0.2439, 0.3694
CMYK	0.16, 0.00, 0.17, 0.24
HSL	118°, 20%, 69%
HSV	118°, 17%, 76%
XYZ	40.3019, 48.2781, 40.8229
YIQ	180.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

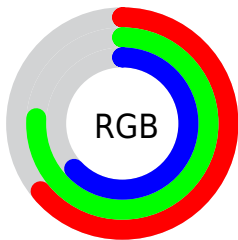
Format	Color
RYB	161, 193, 192
Decimal	10666401
CIELab	75.00, -16.61, 12.68
CIELCh	75, 20.895, 142.634
Yxy	48.2781, 0.3114, 0.3731
Android (android.graphics.Color)	4288856481 (0xFFA2C1A1)
YUV	180.0830, -9.4079, -15.8588
Hunter-Lab	69.4824, -18.0591, 13.8032

Details

The CIELCh color $75, 20.895, 142.634$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 20.935, 324.466$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 21.135, 142.867$, and $55, 20.821, 142.267$ is the 20% darker color. If you saturate the color by 10%, you get $73, 33.535, 141.899$, and if you desaturate by 10%, it is $77, 8.255, 143.278$.

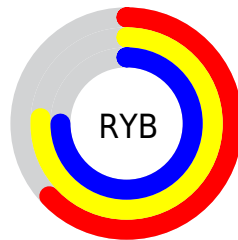
Distribution



Red (64%)

Green (76%)

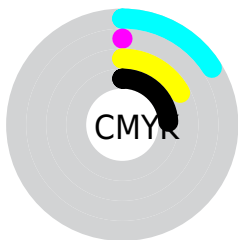
Blue (63%)



Red (63%)

Yellow (76%)

Blue (75%)

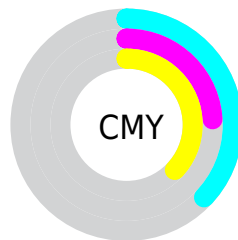


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (24%)



Cyan (37%)


Magenta (24%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.895, 142.634 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, 20.895, 142.634 by changing the saturation by 10% instead.


 75, 20.895,
142.634


 75, 20.895,
142.634


 100, 20.895,
142.634


 65, 20.895,
142.634


 95, 20.895,
142.634

 55, 20.895,
142.634

 45, 20.895,
142.634

 35, 20.895,
142.634

 25, 20.895,
142.634

 15, 20.895,
142.634

 5, 20.895, 142.634

0, 20.895, 142.634

75, 20.895,
142.634

75, 20.895,
142.634

73, 33.535,
141.899

77, 8.255, 143.278

72, 45.962,
141.056

79, 4.239, 323.723

71, 57.906,
140.110

81, 16.482,
324.217

70, 69.018,
139.086

83, 28.407,
324.604

69, 78.869,
138.050

85, 39.006,
325.779

69, 86.959,
137.108

■ 68, 92.789,
136.399

■ 68, 96.100,
136.022

■ 68, 96.894,
135.893

Harmonies

Complementary

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



75, 20.895, 142.634



70, 20.935, 324.466

Rectangle

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



75, 20.895, 142.634



75, 20.895, 192.634



75, 20.895, 322.634



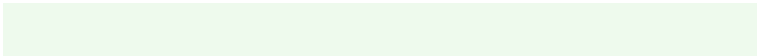
75, 20.895, 12.634

Sweetspot

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



75, 20.897, 142.634



97, 7.716, 143.373



77, 16.494, 107.182



52, 5.267, 143.329



99, 0.012, 296.813



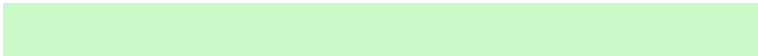
52, 0.007, 296.813

Same Dimension

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



75, 20.897, 142.634



94, 31.122, 142.373



75, 15.022, 160.531



40, 7.141, 143.105



57, 84.608, 135.863



10, 24.062, 143.513

Inverse Universe

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



70, 20.935, 324.466



86, 31.179, 324.662



69, 15.291, 343.252



38, 7.156, 324.079



37, 81.924, 327.017



4, 23.829, 325.022

Previews

White Background



This preview shows how the CIELCh color 75, 20.895, 142.634 looks on a white background.

Color Contrast Check

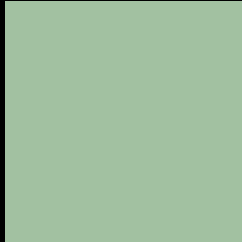
Large Text (above 18pt) WCAG AA × Fail

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, 20.895, 142.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

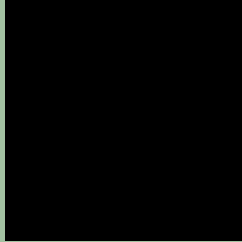
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 20.895, 142.634

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.895, 142.634.

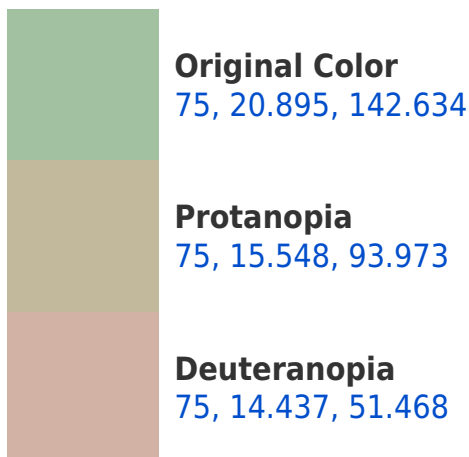


This preview shows how white text looks on a background with the CIELCh color 75, 20.895, 142.634.

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](#).

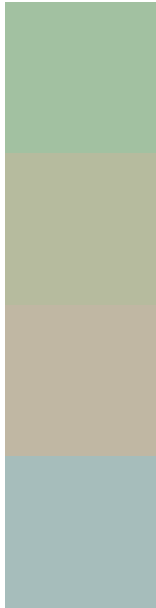
Dichromacy





Tritanopia
75, 10.116, 252.524

Trichromacy



Original Color
75, 20.895, 142.634

Protanomaly
75, 15.682, 115.830

Deuteranomaly
75, 11.311, 91.044

Tritanomaly
75, 8.377, 191.372

Monochromacy



Original Color
75, 20.895, 142.634

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 7.931, 144.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.895, 142.634 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(162, 193, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 193, 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(162, 193, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 193, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.895, 142.634 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(162, 193, 161) }
```

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

```
.border{ border-color:rgb(162, 193, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 193, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 193, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 193, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 193,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.895, 142.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 193, 161) }
```

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

```
.background{ background-color: rgb(162,  
193, 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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