

Converting Colors

CIELCh(75, 25.902, 137.320)

Have a look what the booklet for
CIELCh(75, 25.902, 137.320)
contains.

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Color

CIELCh(75, 25.876, 137.326)

Conversions

Conversions Part 1

Format	Color
Hex	A1C298
RGB	161, 194, 152
RGB Percent	63%, 76%, 60%
CMY	0.3696, 0.2402, 0.4049
CMYK	0.17, 0.00, 0.22, 0.24
HSL	107°, 26%, 68%
HSV	107°, 22%, 76%
XYZ	39.5286, 48.2781, 36.8347
YIQ	179.3450, -6.1860, -20.0580

Conversions

Conversions Part 2

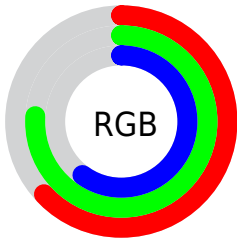
Format	Color
RYB	152, 194, 185
Decimal	10601112
CIELab	75.00, -19.02, 17.54
CIElCh	75, 25.876, 137.326
Yxy	48.2781, 0.3171, 0.3873
Android (android.graphics.Color)	4288791192 (0xFFA1C298)
YUV	179.3450, -13.4811, -16.0886
Hunter-Lab	69.4824, -20.0454, 17.2063

Details

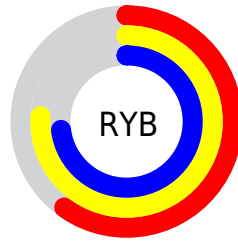
The CIELCh color **75, 25.876, 137.326** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 26.163, 319.326**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.332, 137.283**, and **55, 25.593, 137.269** is the 20% darker color. If you saturate the color by 10%, you get **74, 37.793, 136.735**, and if you desaturate by 10%, it is **76, 13.895, 137.862**.

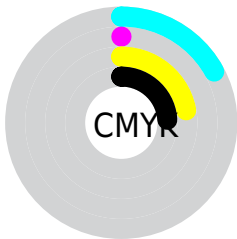
Distribution



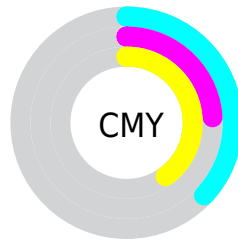
- Red (63%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 25.876, 137.326 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, 25.876, 137.326 by changing the saturation by 10% instead.


 75, 25.876,
137.326


 75, 25.876,
137.326


 100, 25.876,
137.326


 65, 25.876,
137.326


 95, 25.876,
137.326

 55, 25.876,
137.326

 45, 25.876,
137.326

 35, 25.876,
137.326

 25, 25.876,
137.326

 15, 25.876,
137.326

 5, 25.876, 137.326

0, 25.876, 137.326

75, 25.876,
137.326

75, 25.876,
137.326

74, 37.793,
136.735

76, 13.895,
137.862

73, 49.463,
136.097

78, 1.973, 138.414

72, 60.645,
135.441

80, 9.795, 318.697

71, 71.012,
134.821

82, 21.348,
319.057

70, 80.139,
134.328

84, 32.642,
319.359

69, 87.519,
134.084

85, 37.910,
324.411

85, 38.416,

■ 69, 92.694,
134.207

325.758

■ 69, 95.463,
134.510

Harmonies

Complementary

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



75, 25.876, 137.326



67, 26.163, 319.326

Rectangle

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



75, 25.876, 137.326



75, 25.876, 187.326



75, 25.876, 317.326



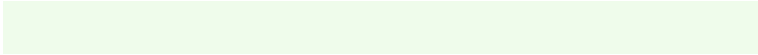
75, 25.876, 7.326

Sweetspot

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



75, 25.878, 137.327



98, 10.302, 138.091



75, 18.011, 96.856



52, 6.752, 138.060



0, 0.000, 0.000



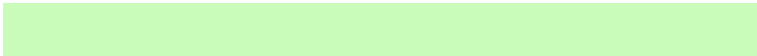
53, 0.007, 296.813

Same Dimension

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



75, 25.878, 137.327



94, 38.494, 137.053



75, 22.628, 152.009



40, 6.741, 137.978



58, 82.940, 134.371



10, 22.933, 139.878

Inverse Universe

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



67, 26.163, 319.326



82, 39.002, 319.536



67, 22.804, 335.102



38, 6.781, 318.773



32, 83.513, 320.287



3, 21.864, 316.843

Previews

White Background



This preview shows how the CIELCh color 75, 25.876, 137.326 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, 25.876, 137.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

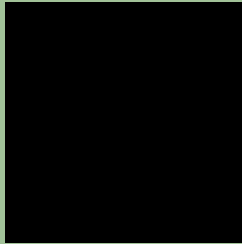
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.876, 137.326

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.876, 137.326.

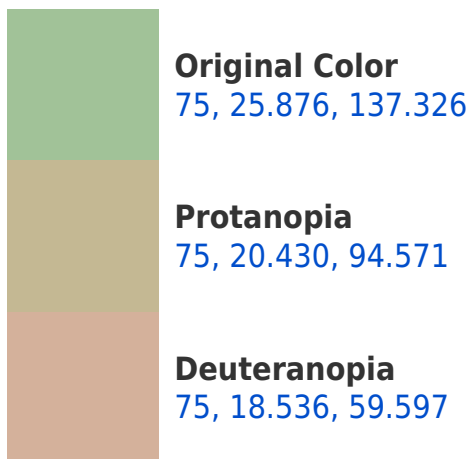


This preview shows how white text looks on a background with the CIELCh color 75, 25.876, 137.326.

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, 25.876, 137.326

Protanomaly
75, 20.949, 113.614

Deuteranomaly
75, 16.085, 94.371

Tritanomaly
75, 8.818, 180.894

Monochromacy



Original Color
75, 25.876, 137.326

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.326, 138.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.876, 137.326 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(161, 194, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 152)  
}
```

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(161, 194, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.876, 137.326 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(161, 194, 152) }
```

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

```
.border{ border-color:rgb(161, 194, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 194, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 152);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.876, 137.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 152) }
```

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

```
.background{ background-color: rgb(161,  
194, 152) }
```

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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