

Converting Colors

CIELCh(75, 36.768, 142.911)

Have a look what the booklet for
CIELCh(75, 36.768, 142.911)
contains.

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Color

CIELCh(75, 36.360, 142.973)

Conversions

Conversions Part 1

Format	Color
Hex	8EC68F
RGB	142, 198, 143
RGB Percent	56%, 78%, 56%
CMY	0.4421, 0.2224, 0.4382
CMYK	0.28, 0.00, 0.28, 0.22
HSL	121°, 33%, 67%
HSV	121°, 28%, 78%
XYZ	36.4346, 48.2781, 33.4873
YIQ	174.9860, -15.7210, -28.9770

Conversions

Conversions Part 2

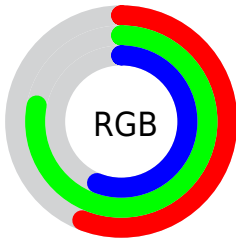
Format	Color
RYB	142, 197, 198
Decimal	9356943
CIELab	75.00, -29.03, 21.90
CIELCh	75, 36.360, 142.973
Yxy	48.2781, 0.3082, 0.4084
Android (android.graphics.Color)	4287547023 (0xFF8EC68F)
YUV	174.9860, -15.7691, -28.9287
Hunter-Lab	69.4824, -27.9941, 20.0627

Details

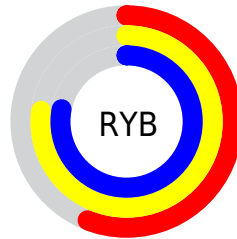
The CIELCh color **75, 36.360, 142.973** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 36.366, 326.455**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 36.360, 142.932**, and **55, 36.563, 142.728** is the 20% darker color. If you saturate the color by 10%, you get **74, 48.974, 142.054**, and if you desaturate by 10%, it is **77, 23.480, 143.770**.

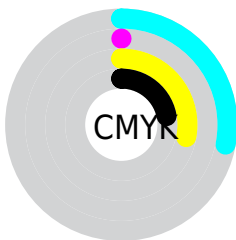
Distribution



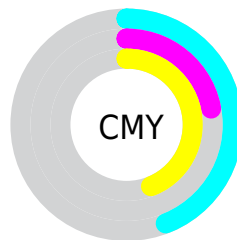
- Red (56%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (77%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)





- Cyan (44%)
- Magenta (22%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 36.360, 142.973 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, 36.360, 142.973 by changing the saturation by 10% instead.


 75, 36.360,
142.973


 75, 36.360,
142.973


 100, 36.360,
142.973


 65, 36.360,
142.973


 95, 36.360,
142.973

 55, 36.360,
142.973

 45, 36.360,
142.973

 35, 36.360,
142.973

 25, 36.360,
142.973

 15, 36.360,
142.973

 5, 36.360, 142.973

0, 36.360, 142.973

75, 36.360,
142.973

75, 36.360,
142.973

74, 48.974,
142.054

77, 23.480,
143.770

72, 61.022,
141.015

78, 10.559,
144.460

72, 72.136,
139.880

80, 2.232, 324.893

71, 81.881,
138.711

82, 14.775,
325.479

70, 89.767,
137.617

85, 26.991,
325.899

70, 95.331,
136.738

87, 35.577,
325.661

■ 70, 98.392,
136.209

■ 70, 98.789,
136.148

Harmonies

Complementary

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



75, 36.360, 142.973



66, 36.366, 326.455

Rectangle

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



75, 36.360, 142.973



75, 36.360, 192.973



75, 36.360, 322.973



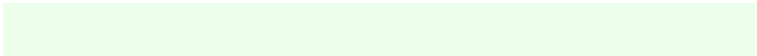
75, 36.360, 12.973

Sweetspot

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



75, 36.362, 142.973



98, 12.558, 144.469



79, 29.515, 108.190



52, 8.935, 144.369



0, 0.000, 0.000



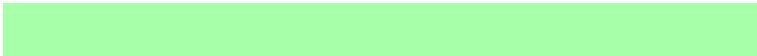
53, 0.007, 296.813

Same Dimension

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



75, 36.362, 142.973



93, 53.543, 142.413



76, 25.055, 161.951



41, 7.283, 144.386



58, 85.426, 136.184



11, 26.372, 143.890

Inverse Universe

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



66, 36.366, 326.455



80, 53.500, 326.787



65, 26.020, 347.193



39, 7.294, 325.410



38, 81.629, 328.943



4, 26.342, 327.599

Previews

White Background



This preview shows how the CIELCh color 75, 36.360, 142.973 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, 36.360, 142.973 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, 36.360, 142.973

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.360, 142.973.

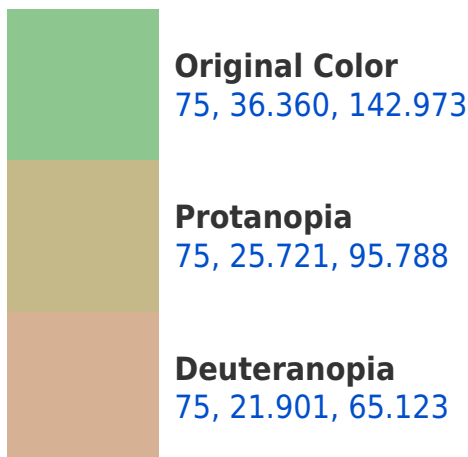


This preview shows how white text looks on a background with the CIELCh color 75, 36.360, 142.973.

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, 14.661, 232.361

Trichromacy



Original Color
75, 36.360, 142.973

Protanomaly
75, 27.091, 117.849

Deuteranomaly
74, 20.925, 104.866

Tritanomaly
75, 16.618, 179.096

Monochromacy



Original Color
75, 36.360, 142.973

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 13.288, 143.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.360, 142.973 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(142, 198, 143)` looks like.

```
.text, #text, p{  
    color:rgb(142, 198, 143)  
}
```

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(142, 198, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 198, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.360, 142.973 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(142, 198, 143) }
```

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

```
.border{ border-color:rgb(142, 198, 143) }
```

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

Here you see how a box with a 4 pixel rgb(142, 198, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 198, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 198, 143);  
box-shadow:4px 4px 4px 4px rgb(142, 198,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.360, 142.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 198, 143) }
```

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

```
.background{ background-color: rgb(142,  
198, 143) }
```

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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