

Converting Colors

CIELCh(73, 34.830, 134.992)

Have a look what the booklet for
CIELCh(73, 34.830, 134.992)
contains.

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Color

CIELCh(73, 35.154, 135.021)

Conversions

Conversions Part 1

Format	Color
Hex	95BF85
RGB	149, 191, 133
RGB Percent	58%, 75%, 52%
CMY	0.4169, 0.2522, 0.4796
CMYK	0.22, 0.00, 0.30, 0.25
HSL	103°, 31%, 63%
HSV	103°, 30%, 75%
XYZ	35.1090, 45.1644, 28.9461
YIQ	171.8300, -6.4140, -26.9420

Conversions

Conversions Part 2

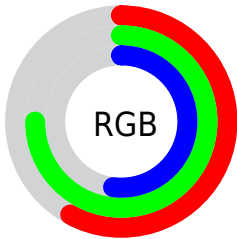
Format	Color
RYB	133, 191, 175
Decimal	9813893
CIELab	73.00, -24.87, 24.85
CIELCh	73, 35.154, 135.021
Yxy	45.1644, 0.3215, 0.4135
Android (android.graphics.Color)	4288003973 (0xFF95BF85)
YUV	171.8300, -19.1432, -20.0219
Hunter-Lab	67.2044, -24.3557, 21.5059

Details

The CIELCh color **73, 35.154, 135.021** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 35.877, 317.790**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.646, 134.855**, and **53, 34.857, 135.046** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.505, 134.449**, and if you desaturate by 10%, it is **74, 23.603, 135.562**.

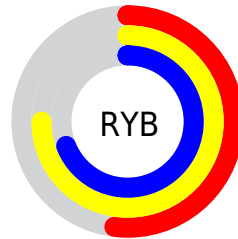
Distribution



Red (58%)

Green (75%)

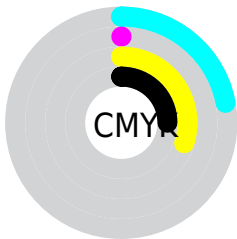
Blue (52%)



Red (52%)

Yellow (75%)

Blue (69%)

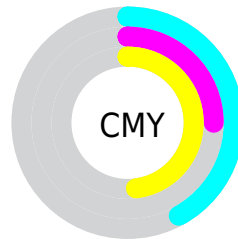


Cyan (22%)

Magenta (0%)

Yellow (30%)

Black (25%)



Cyan (42%)


Magenta (25%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 35.154, 135.021 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 73, 35.154, 135.021 by changing the saturation by 10% instead.


 73, 35.154,
135.021


 73, 35.154,
135.021


 100, 35.154,
135.021


 63, 35.154,
135.021


 93, 35.154,
135.021

 53, 35.154,
135.021

 43, 35.154,
135.021

 33, 35.154,
135.021

 23, 35.154,
135.021

 13, 35.154,
135.021

 3, 35.154, 135.021

0, 35.154, 135.021

73, 35.154,
135.021

73, 35.154,
135.021

72, 46.505,
134.449

74, 23.603,
135.562

71, 57.438,
133.873

76, 12.001,
136.058

70, 67.661,
133.346

77, 0.461, 136.871

69, 76.783,
132.958

79, 10.939,
316.845

69, 84.323,
132.826

81, 22.143,
317.187

68, 89.818,
133.073

82, 33.117,
317.477

■ 68, 93.245,
133.601

■ 84, 38.747,
321.455

■ 85, 40.333,
325.824

Harmonies

Complementary

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



73, 35.154, 135.021



61, 35.877, 317.790

Rectangle

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



73, 35.154, 135.021



73, 35.154, 185.021



73, 35.154, 315.021



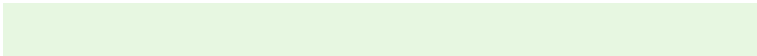
73, 35.154, 5.021

Sweetspot

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



73, 35.156, 135.022



96, 12.810, 136.119



72, 23.510, 91.142



51, 8.981, 136.048



99, 0.012, 296.813



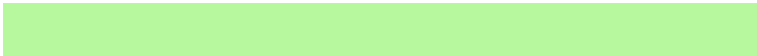
52, 0.007, 296.813

Same Dimension

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



73, 35.156, 135.022



91, 51.298, 134.671



72, 32.905, 148.796



39, 6.475, 136.109



57, 80.999, 133.430



9, 20.277, 138.860

Inverse Universe

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



61, 35.877, 317.790



74, 52.555, 318.050



62, 33.075, 333.093



37, 6.523, 316.869



30, 83.360, 318.246



2, 19.065, 313.542

Previews

White Background



This preview shows how the CIELCh color 73, 35.154, 135.021 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 73, 35.154, 135.021 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 73, 35.154, 135.021

Background



This preview shows how black text looks on a background with the CIELCh color 73, 35.154, 135.021.



This preview shows how white text looks on a background with the CIELCh color 73, 35.154, 135.021.

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](#).

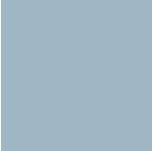
Dichromacy



Original Color
73, 35.154, 135.021

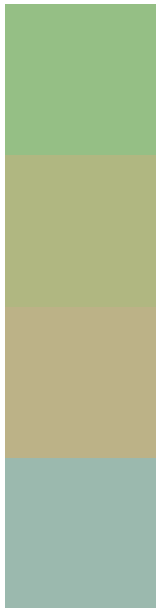
Protanopia
73, 28.449, 96.456

Deuteranopia
73, 24.766, 67.513



Tritanopia
73, 11.244, 245.624

Trichromacy



Original Color
73, 35.154, 135.021

Protanomaly
73, 29.019, 113.002

Deuteranomaly
72, 23.531, 97.848

Tritanomaly
73, 12.583, 170.047

Monochromacy



Original Color
73, 35.154, 135.021

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.818, 135.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 35.154, 135.021 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(149, 191, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 191, 133)  
}
```

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(149, 191, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 191, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 35.154, 135.021 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(149, 191, 133) }
```

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

```
.border{ border-color:rgb(149, 191, 133) }
```

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

Here you see how a box with a 4 pixel rgb(149, 191, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 191, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 191, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 191,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 35.154, 135.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 191, 133) }
```

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

```
.background{ background-color: rgb(149,  
191, 133) }
```

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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