

Converting Colors

CIELCh(73, 36.512, 135.095)

Have a look what the booklet for
CIELCh(73, 36.512, 135.095)
contains.

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Color

CIELCh(73, 36.458, 135.236)

Conversions

Conversions Part 1

Format	Color
Hex	93BF83
RGB	147, 191, 131
RGB Percent	58%, 75%, 51%
CMY	0.4231, 0.2505, 0.4859
CMYK	0.23, 0.00, 0.31, 0.25
HSL	104°, 32%, 63%
HSV	104°, 31%, 75%
XYZ	34.8107, 45.1644, 28.3928
YIQ	171.0040, -6.9640, -27.9880

Conversions

Conversions Part 2

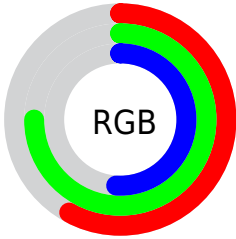
Format	Color
RYB	131, 191, 175
Decimal	9682819
CIELab	73.00, -25.89, 25.67
CIElCh	73, 36.458, 135.236
Yxy	45.1644, 0.3212, 0.4168
Android (android.graphics.Color)	4287872899 (0xFF93BF83)
YUV	171.0040, -19.7220, -21.0515
Hunter-Lab	67.2044, -25.1480, 21.9941

Details

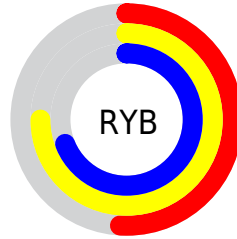
The CIELCh color **73, 36.458, 135.236** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 37.199, 318.119**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.895, 135.087**, and **53, 36.218, 135.225** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.831, 134.654**, and if you desaturate by 10%, it is **74, 24.865, 135.787**.

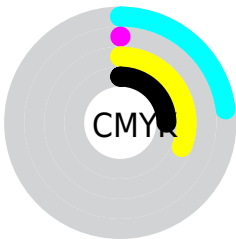
Distribution



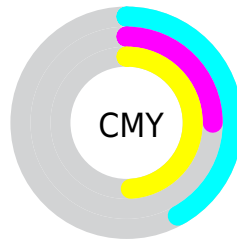
- Red (58%)
- Green (75%)
- Blue (51%)



- Red (51%)
- Yellow (75%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)





- Cyan (42%)
- Magenta (25%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.458, 135.236 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, 36.458, 135.236 by changing the saturation by 10% instead.


 73, 36.458,
135.236


 73, 36.458,
135.236


 100, 36.458,
135.236


 63, 36.458,
135.236


 93, 36.458,
135.236

 53, 36.458,
135.236

 43, 36.458,
135.236

 33, 36.458,
135.236

 23, 36.458,
135.236

 13, 36.458,
135.236

 3, 36.458, 135.236

0, 36.458, 135.236

73, 36.458,
135.236

73, 36.458,
135.236

72, 47.831,
134.654

74, 24.865,
135.787

71, 58.755,
134.068

76, 13.208,
136.292

70, 68.928,
133.537

77, 1.605, 136.836

69, 77.944,
133.150

79, 9.861, 317.093

69, 85.316,
133.030

81, 21.132,
317.441

68, 90.590,
133.295

82, 32.171,
317.737

84, 38.451,

■ 68, 93.581,
133.751

321.353

■ 85, 40.060,
325.815

Harmonies

Complementary

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



73, 36.458, 135.236



61, 37.199, 318.119

Rectangle

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



73, 36.458, 135.236



73, 36.458, 185.236



73, 36.458, 315.236



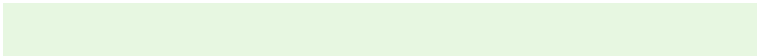
73, 36.458, 5.236

Sweetspot

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



73, 36.460, 135.237



96, 12.844, 136.400



72, 24.704, 92.237



51, 9.005, 136.330



99, 0.012, 296.813



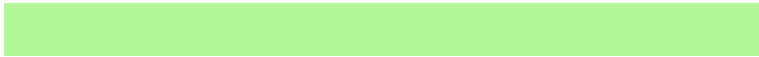
52, 0.007, 296.813

Same Dimension

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



73, 36.460, 135.237



91, 54.238, 134.819



72, 33.608, 149.280



39, 6.492, 136.391



57, 81.153, 133.582



9, 20.322, 139.056

Inverse Universe

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



61, 37.199, 318.119



73, 55.574, 318.418



62, 33.812, 333.807



37, 6.539, 317.154



30, 83.229, 318.541



2, 19.121, 313.920

Previews

White Background



This preview shows how the CIELCh color 73, 36.458, 135.236 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, 36.458, 135.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

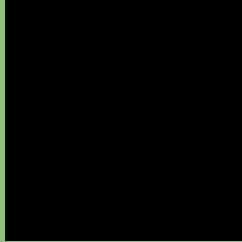
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 36.458, 135.236

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.458, 135.236.



This preview shows how white text looks on a background with the CIELCh color 73, 36.458, 135.236.

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, 36.458, 135.236

Protanopia
73, 29.054, 95.774

Deuteranopia
73, 25.631, 68.899



Tritanopia
73, 11.362, 241.084

Trichromacy



Original Color
73, 36.458, 135.236

Protanomaly
73, 29.539, 112.859

Deuteranomaly
72, 23.988, 98.970

Tritanomaly
73, 13.775, 167.492

Monochromacy



Original Color
73, 36.458, 135.236

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 13.497, 136.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.458, 135.236 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(147, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(147, 191, 131)  
}
```

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(147, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 191, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.458, 135.236 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(147, 191, 131) }
```

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

```
.border{ border-color:rgb(147, 191, 131) }
```

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

Here you see how a box with a 4 pixel rgb(147, 191, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(147, 191,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.458, 135.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 191, 131) }
```

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

```
.background{ background-color: rgb(147,  
191, 131) }
```

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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