

Converting Colors

CIELCh(73, 36.800, 136.218)

Have a look what the booklet for
CIELCh(73, 36.800, 136.218)
contains.

CIELCh(73, 36.834, 136.209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 36.834, 136.209)

Conversions

Conversions Part 1

Format	Color
Hex	91BF83
RGB	145, 191, 131
RGB Percent	57%, 75%, 51%
CMY	0.4297, 0.2492, 0.4846
CMYK	0.24, 0.00, 0.31, 0.25
HSL	106°, 32%, 63%
HSV	106°, 31%, 75%
XYZ	34.6057, 45.1644, 28.5150
YIQ	170.4060, -8.1560, -28.4120

Conversions

Conversions Part 2

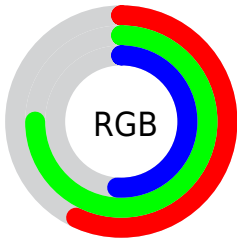
Format	Color
RYB	131, 191, 177
Decimal	9551747
CIELab	73.00, -26.59, 25.49
CIELCh	73, 36.834, 136.209
Yxy	45.1644, 0.3196, 0.4171
Android (android.graphics.Color)	4287741827 (0xFF91BF83)
YUV	170.4060, -19.4272, -22.2811
Hunter-Lab	67.2044, -25.6925, 21.8863

Details

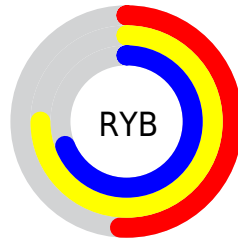
The CIELCh color $73, 36.834, 136.209$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 37.467, 319.156$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 37.247, 136.023$, and $53, 36.618, 136.220$ is the 20% darker color. If you saturate the color by 10%, you get $72, 48.339, 135.594$, and if you desaturate by 10%, it is $74, 25.102, 136.784$.

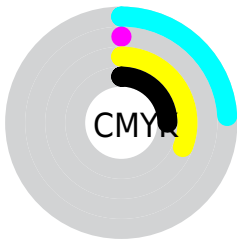
Distribution



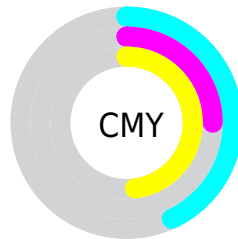
- Red (57%)
- Green (75%)
- Blue (51%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)





- Cyan (43%)
- Magenta (25%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.834, 136.209 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, 36.834, 136.209 by changing the saturation by 10% instead.


 73, 36.834,
136.209


 73, 36.834,
136.209


 100, 36.834,
136.209


 63, 36.834,
136.209


 93, 36.834,
136.209

 53, 36.834,
136.209

 43, 36.834,
136.209

 33, 36.834,
136.209

 23, 36.834,
136.209

 13, 36.834,
136.209

 3, 36.834, 136.209

0, 36.834, 136.209

73, 36.834,
136.209

73, 36.834,
136.209

72, 48.339,
135.594

74, 25.102,
136.784

71, 59.380,
134.965

76, 13.306,
137.305

70, 69.645,
134.378

77, 1.572, 137.869

69, 78.719,
133.921

79, 10.015,
318.124

69, 86.110,
133.717

81, 21.394,
318.477

68, 91.358,
133.884

83, 32.525,
318.775

■ 68, 94.297,
134.248

■ 84, 38.703,
322.706

■ 85, 39.852,
325.807

Harmonies

Complementary

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



73, 36.834, 136.209



61, 37.467, 319.156

Rectangle

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



73, 36.834, 136.209



73, 36.834, 186.209



73, 36.834, 316.209



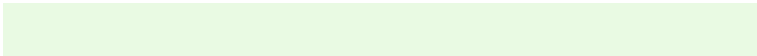
73, 36.834, 6.209

Sweetspot

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



73, 36.836, 136.210



96, 13.079, 137.415



72, 25.084, 93.428



51, 9.094, 137.342



99, 0.012, 296.813



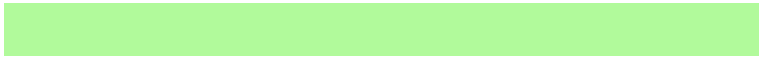
52, 0.007, 296.813

Same Dimension

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



73, 36.836, 136.210



92, 55.251, 135.766



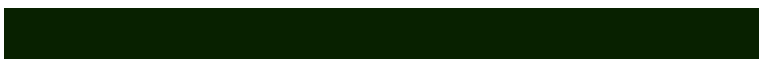
72, 33.191, 149.877



40, 6.702, 137.403



58, 82.661, 134.108



10, 22.819, 139.475

Inverse Universe

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



61, 37.467, 319.156



74, 56.390, 319.457



62, 33.428, 334.464



38, 6.745, 318.186



31, 83.760, 319.634



3, 21.704, 316.003

Previews

White Background



This preview shows how the CIELCh color 73, 36.834, 136.209 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, 36.834, 136.209 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, 36.834, 136.209

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.834, 136.209.

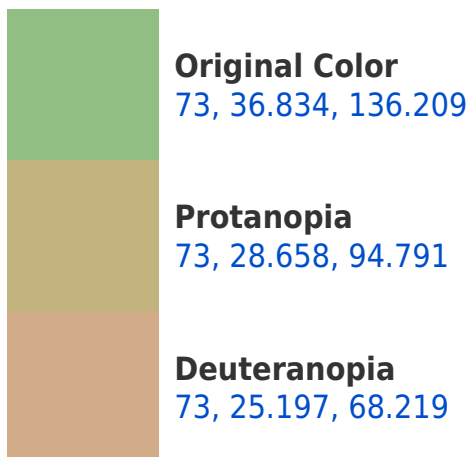


This preview shows how white text looks on a background with the CIELCh color 73, 36.834, 136.209.

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
73, 12.182, 241.034

Trichromacy



Original Color
73, 36.834, 136.209

Protanomaly
73, 29.539, 112.859

Deuteranomaly
72, 23.988, 98.970

Tritanomaly
73, 14.091, 170.719

Monochromacy



Original Color
73, 36.834, 136.209

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 13.013, 137.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.834, 136.209 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(145, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 191, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.834, 136.209 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(145, 191, 131) }
```

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

```
.border{ border-color:rgb(145, 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(145, 191, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(145, 191,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.834, 136.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 191, 131) }
```

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

```
.background{ background-color: rgb(145,  
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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