

Converting Colors

CIELCh(72, 40.025, 136.702)

Have a look what the booklet for
CIELCh(72, 40.025, 136.702)
contains.

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Color

CIELCh(72, 40.129, 136.547)

Conversions

Conversions Part 1

Format	Color
Hex	8BBE7D
RGB	139, 190, 125
RGB Percent	55%, 75%, 49%
CMY	0.4559, 0.2559, 0.5107
CMYK	0.27, 0.00, 0.34, 0.26
HSL	107°, 33%, 62%
HSV	107°, 34%, 74%
XYZ	32.6512, 43.6590, 26.0285
YIQ	167.3410, -9.5310, -31.0270

Conversions

Conversions Part 2

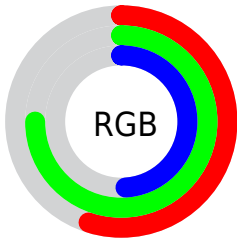
Format	Color
RYB	125, 190, 176
Decimal	9158269
CIELab	72.00, -29.13, 27.60
CIELCh	72, 40.129, 136.547
Yxy	43.6590, 0.3191, 0.4266
Android (android.graphics.Color)	4287348349 (0xFF8BBE7D)
YUV	167.3410, -20.8741, -24.8551
Hunter-Lab	66.0750, -27.4247, 22.8968

Details

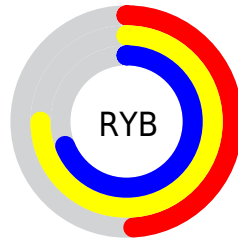
The CIELCh color $72, 40.129, 136.547$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 40.802, 319.838$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 40.404, 136.430$, and $52, 40.032, 136.436$ is the 20% darker color. If you saturate the color by 10%, you get $71, 51.505, 135.903$, and if you desaturate by 10%, it is $73, 28.462, 137.151$.

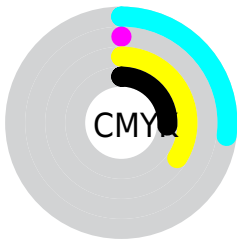
Distribution



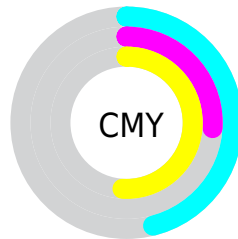
- Red (55%)
- Green (75%)
- Blue (49%)



- Red (49%)
- Yellow (75%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)



- Cyan (46%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 40.129, 136.547 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 72, 40.129, 136.547 by changing the saturation by 10% instead.


 72, 40.129,
136.547


 72, 40.129,
136.547


 100, 40.129,
136.547


 62, 40.129,
136.547


 92, 40.129,
136.547

 52, 40.129,
136.547

 42, 40.129,
136.547

 32, 40.129,
136.547

 22, 40.129,
136.547

 12, 40.129,
136.547

 2, 40.129, 136.547

■ 0, 40.129, 136.547

■ 72, 40.129,
136.547

■ 72, 40.129,
136.547

■ 71, 51.505,
135.903

■ 73, 28.462,
137.151

■ 70, 62.330,
135.252

■ 75, 16.688,
137.699

■ 69, 72.260,
134.657

■ 76, 4.945, 138.207

■ 68, 80.855,
134.217

■ 78, 6.668, 318.556

■ 68, 87.614,
134.057

■ 80, 18.082,
318.937

■ 68, 92.134,
134.284

■ 82, 29.253,
319.252

■ 83, 38.976,

■ 67, 93.957,
134.483

320.439

■ 85, 40.913,
325.844

Harmonies

Complementary

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



72, 40.129, 136.547



59, 40.802, 319.838

Rectangle

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



72, 40.129, 136.547



72, 40.129, 186.547



72, 40.129, 316.547



72, 40.129, 6.547

Sweetspot

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



72, 40.130, 136.548



95, 14.498, 137.907



72, 28.069, 95.332



51, 9.980, 137.835



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 40.130, 136.548



90, 59.324, 136.072



72, 35.045, 150.813



39, 6.592, 137.948



57, 81.941, 134.343



9, 20.574, 140.143

Inverse Universe

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



59, 40.802, 319.838



72, 60.485, 320.138



60, 35.387, 336.062



37, 6.631, 318.738



31, 82.546, 320.259



3, 19.466, 316.084

Previews

White Background



This preview shows how the CIELCh color 72, 40.129, 136.547 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 72, 40.129, 136.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

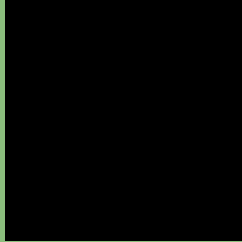
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 40.129, 136.547

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.129, 136.547.



This preview shows how white text looks on a background with the CIELCh color 72, 40.129, 136.547.

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](#).

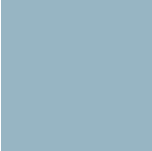
Dichromacy



Original Color
72, 40.129, 136.547

Protanopia
72, 31.212, 96.213

Deuteranopia
72, 27.475, 71.336



Tritanopia
72, 12.644, 236.030

Trichromacy



Original Color
72, 40.129, 136.547

Protanomaly
72, 32.336, 114.327

Deuteranomaly
72, 27.022, 102.214

Tritanomaly
72, 15.921, 167.251

Monochromacy



Original Color
72, 40.129, 136.547

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 14.395, 137.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.129, 136.547 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(139, 190, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 190, 125)  
}
```

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(139, 190, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 190, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.129, 136.547 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(139, 190, 125) }
```

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

```
.border{ border-color:rgb(139, 190, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 190, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 190, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 190, 125);  
box-shadow:4px 4px 4px 4px rgb(139, 190,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.129, 136.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 190, 125) }
```

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

```
.background{ background-color: rgb(139,  
190, 125) }
```

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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