

Converting Colors

CIELCh(72, 32.119, 149.046)

Have a look what the booklet for
CIELCh(72, 32.119, 149.046)
contains.

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Color

CIELCh(72, 32.520, 148.625)

Conversions

Conversions Part 1

Format	Color
Hex	85BE91
RGB	133, 190, 145
RGB Percent	52%, 75%, 57%
CMY	0.4798, 0.2563, 0.4327
CMYK	0.30, 0.00, 0.24, 0.26
HSL	133°, 30%, 63%
HSV	133°, 30%, 74%
XYZ	33.0349, 43.6590, 33.3328
YIQ	167.8270, -19.5270, -26.0790

Conversions

Conversions Part 2

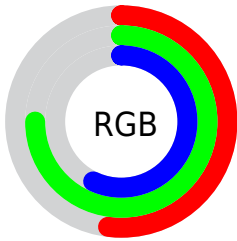
Format	Color
RYB	133, 180, 190
Decimal	8765073
CIELab	72.00, -27.76, 16.93
CIELCh	72, 32.520, 148.625
Yxy	43.6590, 0.3002, 0.3968
Android (android.graphics.Color)	4286955153 (0xFF85BE91)
YUV	167.8270, -11.2537, -30.5433
Hunter-Lab	66.0750, -26.3882, 16.3425

Details

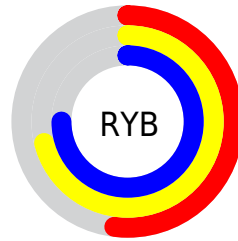
The CIELCh color **72, 32.520, 148.625** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 32.679, 332.840**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 32.867, 148.749**, and **52, 32.566, 148.565** is the 20% darker color. If you saturate the color by 10%, you get **71, 43.103, 147.609**, and if you desaturate by 10%, it is **73, 21.710, 149.505**.

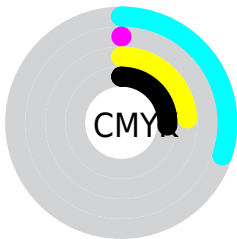
Distribution



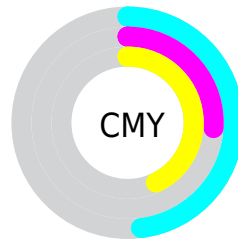
- Red (52%)
- Green (75%)
- Blue (57%)



- Red (52%)
- Yellow (71%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (26%)





- Cyan (48%)
- Magenta (26%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 32.520, 148.625 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, 32.520, 148.625 by changing the saturation by 10% instead.


 72, 32.520,
148.625


 72, 32.520,
148.625


 100, 32.520,
148.625


 62, 32.520,
148.625


 92, 32.520,
148.625

 52, 32.520,
148.625

 42, 32.520,
148.625

 32, 32.520,
148.625

 22, 32.520,
148.625

 12, 32.520,
148.625

 2, 32.520, 148.625

0, 32.520, 148.625

72, 32.520,
148.625

72, 32.520,
148.625

71, 43.103,
147.609

73, 21.710,
149.505

70, 53.253,
146.439

75, 10.841,
150.274

69, 62.742,
145.105

77, 0.047, 157.231

68, 71.337,
143.615

79, 10.571,
331.439

68, 78.812,
141.998

81, 20.943,
331.948

67, 84.974,
140.321

83, 31.024,
332.388

■ 67, 89.740,
138.763

■ 84, 38.689,
328.310

■ 85, 40.983,
325.846

Harmonies

Complementary

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



72, 32.520, 148.625



62, 32.679, 332.840

Rectangle

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



72, 32.520, 148.625



72, 32.520, 198.625



72, 32.520, 328.625



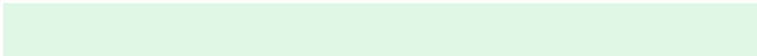
72, 32.520, 18.625

Sweetspot

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



72, 32.521, 148.625



95, 12.038, 150.340



75, 30.630, 115.951



51, 8.441, 150.232



99, 0.012, 296.813



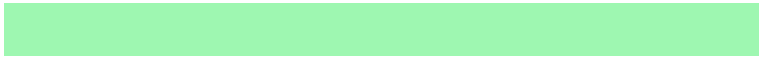
52, 0.007, 296.813

Same Dimension

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



72, 32.521, 148.625



90, 48.197, 147.977



73, 22.345, 173.022



39, 6.085, 150.325



57, 77.993, 139.004



9, 19.550, 148.656

Inverse Universe

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



62, 32.679, 332.840



76, 48.402, 333.295



61, 24.406, 359.253



37, 6.105, 331.455



36, 68.815, 338.658



3, 17.445, 334.784

Previews

White Background



This preview shows how the CIELCh color 72, 32.520, 148.625 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, 32.520, 148.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

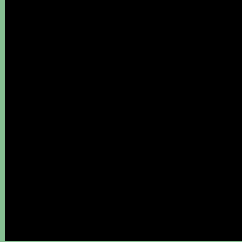
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 32.520, 148.625

Background



This preview shows how black text looks on a background with the CIELCh color 72, 32.520, 148.625.

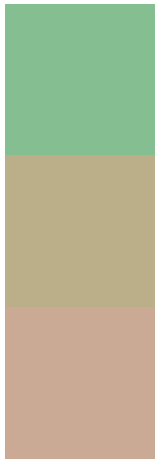


This preview shows how white text looks on a background with the CIELCh color 72, 32.520, 148.625.

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](#).

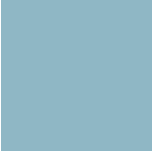
Dichromacy



Original Color
72, 32.520, 148.625

Protanopia
72, 20.620, 94.432

Deuteranopia
72, 17.338, 58.690



Tritanopia
72, 15.279, 228.606

Trichromacy



Original Color
72, 32.520, 148.625

Protanomaly
71, 22.210, 121.516

Deuteranomaly
71, 16.232, 108.561

Tritanomaly
72, 16.751, 184.860

Monochromacy



Original Color
72, 32.520, 148.625

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 11.644, 149.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 32.520, 148.625 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(133, 190, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 190, 145)  
}
```

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(133, 190, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 190, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 32.520, 148.625 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(133, 190, 145) }
```

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

```
.border{ border-color:rgb(133, 190, 145) }
```

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

Here you see how a box with a 4 pixel rgb(133, 190, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 190, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 190, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 190,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 32.520, 148.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 190, 145) }
```

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

```
.background{ background-color: rgb(133,  
190, 145) }
```

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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