

Converting Colors

CIELCh(72, 54.917, 124.215)

Have a look what the booklet for
CIELCh(72, 54.917, 124.215)
contains.

CIELCh(72, 54.824, 124.101)	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(72, 54.824, 124.101)

Conversions

Conversions Part 1

Format	Color
Hex	93BE5A
RGB	147, 190, 90
RGB Percent	58%, 75%, 35%
CMY	0.4243, 0.2557, 0.6478
CMYK	0.23, 0.00, 0.53, 0.26
HSL	86°, 43%, 55%
HSV	86°, 53%, 74%
XYZ	32.2040, 43.6590, 16.3607
YIQ	165.7430, 6.4720, -40.2160

Conversions

Conversions Part 2

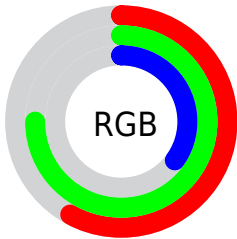
Format	Color
RYB	90, 190, 133
Decimal	9682522
CIELab	72.00, -30.74, 45.40
CIELCh	72, 54.824, 124.101
Yxy	43.6590, 0.3492, 0.4734
Android (android.graphics.Color)	4287872602 (0xFF93BE5A)
YUV	165.7430, -37.3413, -16.4376
Hunter-Lab	66.0750, -28.6328, 31.5718

Details

The CIELCh color **72, 54.824, 124.101** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **47, 60.126, 309.617**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 54.860, 124.246**, and **52, 54.619, 124.251** is the 20% darker color. If you saturate the color by 10%, you get **71, 63.961, 123.820**, and if you desaturate by 10%, it is **73, 44.979, 124.516**.

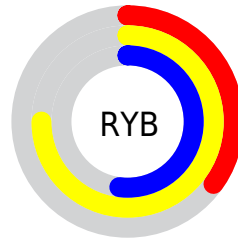
Distribution



Red (58%)

Green (75%)

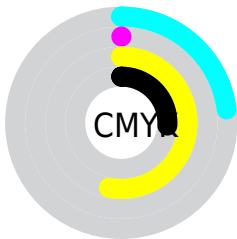
Blue (35%)



Red (35%)

Yellow (75%)

Blue (52%)

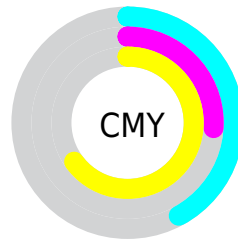


Cyan (23%)

Magenta (0%)

Yellow (53%)

Black (26%)



Cyan (42%)


Magenta (26%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 54.824, 124.101 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, 54.824, 124.101 by changing the saturation by 10% instead.


 72, 54.824,
124.101


 72, 54.824,
124.101


 100, 54.824,
124.101


 62, 54.824,
124.101


 92, 54.824,
124.101

 52, 54.824,
124.101

 42, 54.824,
124.101

 32, 54.824,
124.101

 22, 54.824,
124.101

 12, 54.824,
124.101

 2, 54.824, 124.101

0, 54.824, 124.101

72, 54.824,
124.101

72, 54.824,
124.101

71, 63.961,
123.820

73, 44.979,
124.516

71, 72.007,
123.764

74, 34.697,
124.995

70, 78.507,
124.055

75, 24.168,
125.497

70, 83.069,
124.804

76, 13.521,
125.996

69, 85.406,
125.571

77, 2.847, 126.498

78, 7.791, 306.902

79, 18.350,

307.323

■ 80, 28.796,
307.705

■ 81, 36.263,
309.207

Harmonies

Complementary

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



72, 54.824, 124.101



47, 60.126, 309.617

Rectangle

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



72, 54.824, 124.101



72, 54.824, 174.101



72, 54.824, 304.101



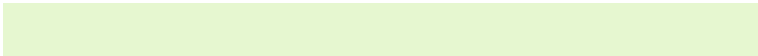
72, 54.824, 354.101

Sweetspot

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



72, 54.825, 124.102



95, 21.157, 125.819



60, 36.071, 60.519



51, 14.399, 125.715



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, 54.825, 124.102



90, 79.449, 123.797



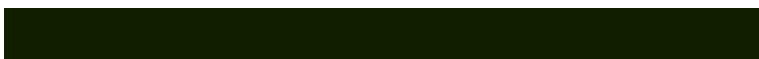
70, 63.061, 138.433



39, 6.012, 126.160



59, 74.457, 125.344



10, 18.727, 130.646

Inverse Universe

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



47, 60.126, 309.617



54, 89.212, 310.273



53, 63.227, 324.600



37, 6.105, 307.030



23, 88.481, 310.556



2, 17.895, 302.685

Previews

White Background



This preview shows how the CIELCh color 72, 54.824, 124.101 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, 54.824, 124.101 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, 54.824, 124.101

Background



This preview shows how black text looks on a background with the CIELCh color 72, 54.824, 124.101.



This preview shows how white text looks on a background with the CIELCh color 72, 54.824, 124.101.

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](#).

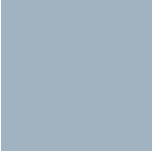
Dichromacy



Original Color
72, 54.824, 124.101

Protanopia
72, 48.560, 95.471

Deuteranopia
72, 44.315, 78.367



Tritanopia
72, 9.778, 250.522

Trichromacy



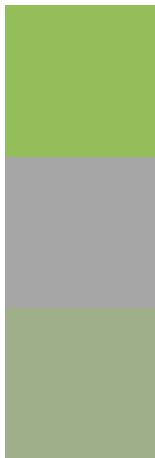
Original Color
72, 54.824, 124.101

Protanomaly
72, 49.044, 107.340

Deuteranomaly
71, 43.851, 97.831

Tritanomaly
72, 18.429, 142.609

Monochromacy



Original Color
72, 54.824, 124.101

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 21.106, 125.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 54.824, 124.101 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, 190, 90)` looks like.

```
.text, #text, p{  
    color:rgb(147, 190, 90)  
}
```

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, 190, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 190, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 54.824, 124.101 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, 190, 90) }
```

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

```
.border{ border-color:rgb(147, 190, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 190, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 190, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 190, 90);  
box-shadow:4px 4px 4px 4px rgb(147, 190,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 54.824, 124.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 190, 90) }
```

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

```
.background{ background-color: rgb(147,  
190, 90) }
```

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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