

Converting Colors

CIELCh(71, 25.338, 142.586)

Have a look what the booklet for
CIELCh(71, 25.338, 142.586)
contains.

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Color

CIELCh(71, 25.129, 142.468)

Conversions

Conversions Part 1

Format	Color
Hex	92B791
RGB	146, 183, 145
RGB Percent	57%, 72%, 57%
CMY	0.4263, 0.2811, 0.4302
CMYK	0.20, 0.00, 0.21, 0.28
HSL	118°, 21%, 64%
HSV	118°, 21%, 72%
XYZ	34.0392, 42.1875, 33.2574
YIQ	167.6050, -9.8540, -19.6620

Conversions

Conversions Part 2

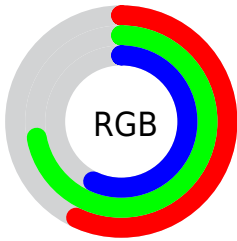
Format	Color
RYB	145, 183, 182
Decimal	9615249
CIELab	71.00, -19.93, 15.31
CIELCh	71, 25.129, 142.468
Yxy	42.1875, 0.3109, 0.3853
Android (android.graphics.Color)	4287805329 (0xFF92B791)
YUV	167.6050, -11.1443, -18.9476
Hunter-Lab	64.9519, -20.1198, 15.1080

Details

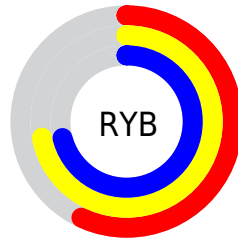
The CIELCh color **71, 25.129, 142.468** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 25.172, 324.816**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 25.147, 142.767**, and **51, 25.339, 141.965** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.223, 141.687**, and if you desaturate by 10%, it is **73, 12.960, 143.147**.

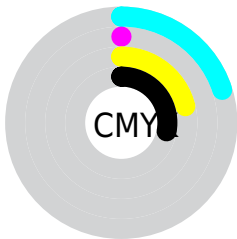
Distribution



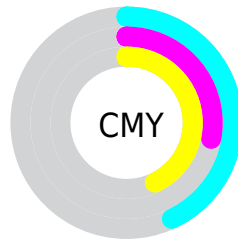
- Red (57%)
- Green (72%)
- Blue (57%)



- Red (57%)
- Yellow (72%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)





- Cyan (43%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.129, 142.468 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 71, 25.129, 142.468 by changing the saturation by 10% instead.

 71, 25.129,
142.468

 71, 25.129,
142.468


 100, 25.129,
142.468


 61, 25.129,
142.468


 91, 25.129,
142.468

 51, 25.129,
142.468

 41, 25.129,
142.468

 31, 25.129,
142.468

 21, 25.129,
142.468

 11, 25.129,
142.468

 1, 25.129, 142.468

0, 25.129, 142.468

71, 25.129,
142.468

71, 25.129,
142.468

70, 37.223,
141.687

73, 12.960,
143.147

68, 49.014,
140.796

74, 0.877, 143.969

67, 60.212,
139.807

76, 11.002,
324.163

66, 70.455,
138.759

78, 22.596,
324.584

66, 79.301,
137.733

81, 33.859,
324.935

65, 86.262,
136.850

83, 44.644,
325.339

■ 65, 90.909,
136.247

■ 83, 44.915,
325.980

■ 65, 93.337,
135.906

Harmonies

Complementary

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



71, 25.129, 142.468



65, 25.172, 324.816

Rectangle

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



71, 25.129, 142.468



71, 25.129, 192.468



71, 25.129, 322.468



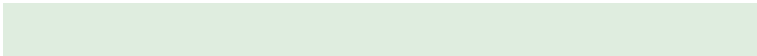
71, 25.129, 12.468

Sweetspot

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



71, 25.131, 142.468



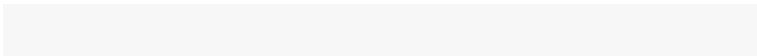
92, 8.896, 143.438



73, 19.760, 106.777



49, 5.952, 143.397



97, 0.011, 296.813



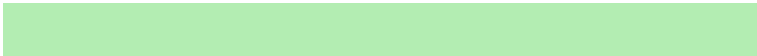
50, 0.007, 296.813

Same Dimension

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



71, 25.131, 142.468



89, 37.359, 142.117



71, 18.004, 160.144



38, 6.840, 143.235



56, 82.647, 135.881



8, 18.775, 143.930

Inverse Universe

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



65, 25.172, 324.816



79, 37.416, 325.059



64, 18.401, 343.631



36, 6.853, 324.207



36, 79.984, 327.206



3, 18.571, 323.623

Previews

White Background



This preview shows how the CIELCh color 71, 25.129, 142.468 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 71, 25.129, 142.468 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 71, 25.129, 142.468

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.129, 142.468.



This preview shows how white text looks on a background with the CIELCh color 71, 25.129, 142.468.

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

71, 25.129, 142.468

Protanopia

71, 18.461, 94.368

Deuteranopia

71, 16.329, 56.815



Tritanopia
71, 10.929, 243.538

Trichromacy



Original Color
71, 25.129, 142.468

Protanomaly
71, 19.153, 116.661

Deuteranomaly
71, 13.864, 97.196

Tritanomaly
71, 10.588, 183.579

Monochromacy



Original Color
71, 25.129, 142.468

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 9.370, 144.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.129, 142.468 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(146, 183, 145)` looks like.

```
.text, #text, p{  
    color:rgb(146, 183, 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(146, 183, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 183, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.129, 142.468 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(146, 183, 145) }
```

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

```
.border{ border-color:rgb(146, 183, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 183, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 183, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 183, 145);  
box-shadow:4px 4px 4px 4px rgb(146, 183,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.129, 142.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 183, 145) }
```

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

```
.background{ background-color: rgb(146,  
183, 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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