

Converting Colors

CIELCh(74, 32.245, 125.890)

Have a look what the booklet for
CIELCh(74, 32.245, 125.890)
contains.

CIELCh(74, 32.581, 125.786)	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(74, 32.581, 125.786)

Conversions

Conversions Part 1

Format	Color
Hex	A5BF85
RGB	165, 191, 133
RGB Percent	65%, 75%, 52%
CMY	0.3546, 0.2527, 0.4801
CMYK	0.14, 0.00, 0.30, 0.25
HSL	87°, 31%, 63%
HSV	87°, 30%, 75%
XYZ	38.1663, 46.7039, 29.0426
YIQ	176.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

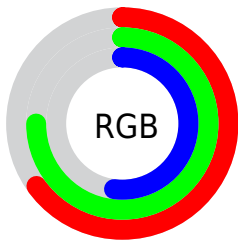
Format	Color
RYB	133, 191, 159
Decimal	10862469
CIELab	74.00, -19.05, 26.43
CIELCh	74, 32.581, 125.786
Yxy	46.7039, 0.3350, 0.4100
Android (android.graphics.Color)	4289052549 (0xFFA5BF85)
YUV	176.6140, -21.5017, -10.1855
Hunter-Lab	68.3403, -19.9078, 22.6417

Details

The CIELCh color $74, 32.581, 125.786$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 34.163, 308.827$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 32.068, 125.517$, and $54, 32.835, 126.276$ is the 20% darker color. If you saturate the color by 10%, you get $73, 43.021, 125.305$, and if you desaturate by 10%, it is $75, 21.933, 126.284$.

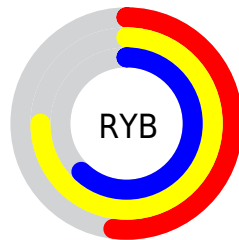
Distribution



Red (65%)

Green (75%)

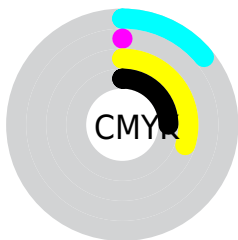
Blue (52%)



Red (52%)

Yellow (75%)

Blue (62%)

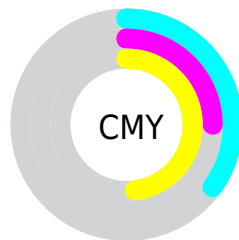


Cyan (14%)

Magenta (0%)

Yellow (30%)

Black (25%)



Cyan (35%)


Magenta (25%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 32.581, 125.786 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 74, 32.581, 125.786 by changing the saturation by 10% instead.


 74, 32.581,
125.786

 74, 32.581,
125.786


 100, 32.581,
125.786


 64, 32.581,
125.786


 94, 32.581,
125.786

 54, 32.581,
125.786

 44, 32.581,
125.786

 34, 32.581,
125.786

 24, 32.581,
125.786

 14, 32.581,
125.786

 4, 32.581, 125.786

0, 32.581, 125.786

74, 32.581,
125.786

74, 32.581,
125.786

73, 43.021,
125.305

75, 21.933,
126.284

72, 53.072,
124.875

76, 11.193,
126.773

72, 62.482,
124.558

77, 0.446, 127.444

71, 70.893,
124.442

78, 10.248,
307.647

70, 77.859,
124.645

80, 20.848,
308.048

70, 82.947,
125.286

81, 31.324,
308.410

■ 70, 86.188,
126.268

■ 82, 36.171,
311.117

■ 83, 37.110,
315.460

■ 83, 38.243,
319.633

Harmonies

Complementary

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



74, 32.581, 125.786



60, 34.163, 308.827

Rectangle

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



74, 32.581, 125.786



74, 32.581, 175.786



74, 32.581, 305.786



74, 32.581, 355.786

Sweetspot

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



74, 32.583, 125.788



96, 11.941, 126.835



67, 19.594, 64.532



52, 8.367, 126.764



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 32.583, 125.788



93, 48.774, 125.439



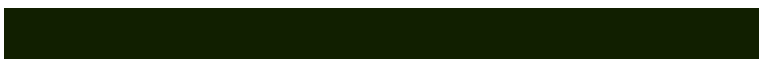
72, 37.541, 140.728



39, 6.035, 126.826



59, 74.907, 126.036



10, 18.833, 131.318

Inverse Universe

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



60, 34.163, 308.827



71, 51.793, 309.255



62, 37.682, 324.149



37, 6.126, 307.675



23, 88.144, 310.920



2, 17.938, 303.268

Previews

White Background



This preview shows how the CIELCh color 74, 32.581, 125.786 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 74, 32.581, 125.786 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 74, 32.581, 125.786

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.581, 125.786.



This preview shows how white text looks on a background with the CIELCh color 74, 32.581, 125.786.

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

74, 32.581, 125.786

Protanopia

74, 28.574, 94.852

Deuteranopia

74, 26.685, 69.552



Tritanopia
74, 8.551, 271.531

Trichromacy



Original Color
74, 32.581, 125.786

Protanomaly
74, 28.833, 106.554

Deuteranomaly
74, 25.091, 92.580

Tritanomaly
74, 7.965, 150.584

Monochromacy



Original Color
74, 32.581, 125.786

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 11.898, 125.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.581, 125.786 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(165, 191, 133)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 133)  
}
```

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(165, 191, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.581, 125.786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

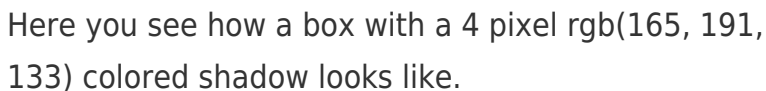
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 191, 133) }
```

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

```
.border{ border-color:rgb(165, 191, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 191, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 191, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 191, 133); box-shadow:4px 4px 4px 4px rgb(165, 191, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.581, 125.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 133) }
```

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

```
.background{ background-color: rgb(165,  
191, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor