

Converting Colors

CIELCh(65, 13.086, 31.918)

Have a look what the booklet for
CIELCh(65, 13.086, 31.918) contains.

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Color

CIELCh(65, 12.789, 32.915)

Conversions

Conversions Part 1

Format	Color
Hex	B69792
RGB	182, 151, 146
RGB Percent	71%, 59%, 57%
CMY	0.2872, 0.4087, 0.4283
CMYK	0.00, 0.17, 0.20, 0.29
HSL	8°, 20%, 64%
HSV	8°, 20%, 71%
XYZ	35.4389, 34.0472, 31.8082
YIQ	159.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

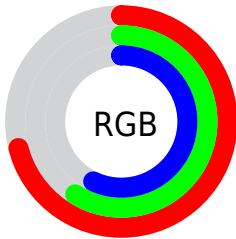
Format	Color
RYB	182, 152, 146
Decimal	11966354
CIELab	65.00, 10.74, 6.95
CIELCh	65, 12.789, 32.915
Yxy	34.0472, 0.3499, 0.3361
Android (android.graphics.Color)	4290156434 (0xFFB69792)
YUV	159.6990, -6.7536, 19.5580
Hunter-Lab	58.3500, 6.2996, 8.5243

Details

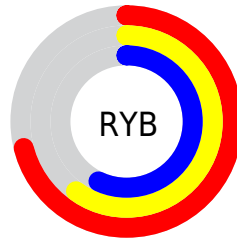
The CIELCh color $65, 12.789, 32.915$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 11.199, 212.812$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 12.721, 32.089$, and $45, 12.926, 31.428$ is the 20% darker color. If you saturate the color by 10%, you get $61, 20.061, 33.311$, and if you desaturate by 10%, it is $69, 6.073, 32.667$.

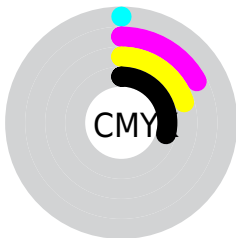
Distribution



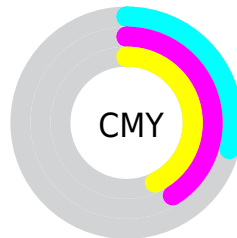
- Red (71%)
- Green (59%)
- Blue (57%)



- Red (71%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 12.789, 32.915 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 65, 12.789, 32.915 by changing the saturation by 10% instead.

65, 12.789, 32.915

65, 12.789, 32.915

100, 12.789,
32.915

55, 12.789, 32.915

85, 12.789, 32.915

45, 12.789, 32.915

95, 12.789, 32.915

35, 12.789, 32.915

25, 12.789, 32.915

15, 12.789, 32.915

5, 12.789, 32.915

0, 12.789, 32.915

65, 12.789, 32.915

65, 12.789, 32.915

61, 20.061, 33.311

69, 6.073, 32.667

56, 27.908, 33.897

74, 0.121, 216.931

52, 36.309, 34.737

79, 5.840, 212.750

49, 45.188, 35.881

83, 11.136,
212.776

45, 54.373, 37.344

88, 16.056,
212.880

43, 63.520, 39.042

41, 71.881, 40.639

93, 20.647,
213.026

39, 78.559, 41.891

95, 23.485,
197.970

39, 78.695, 41.933

Harmonies

Complementary

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



65, 12.789, 32.915



70, 11.199, 212.812

Rectangle

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



65, 12.789, 32.915



65, 12.789, 82.915



65, 12.789, 212.915



65, 12.789, 262.915

Sweetspot

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



65, 12.788, 32.924



90, 4.546, 32.568



65, 21.952, 329.463



48, 3.048, 32.588



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 12.788, 32.924



80, 19.612, 33.082



70, 13.528, 85.846



36, 3.533, 32.656



33, 69.699, 41.972



3, 9.665, 28.764

Inverse Universe

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



70, 11.199, 212.812



88, 16.594, 212.898



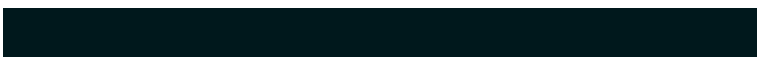
65, 13.362, 271.200



38, 3.329, 212.750



51, 30.229, 221.907



7, 8.802, 219.071

Previews

White Background



This preview shows how the CIELCh color 65, 12.789, 32.915 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 CIE LCh color 65, 12.789, 32.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

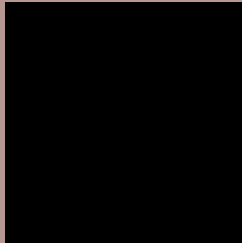
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 12.789, 32.915

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.789, 32.915.



This preview shows how white text looks on a background with the CIELCh color 65, 12.789, 32.915.

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

65, 12.789, 32.915

Protanopia

65, 5.002, 81.622

Deuteranopia

65, 11.165, 40.472



Tritanopia
65, 14.904, 356.854

Trichromacy



Original Color
65, 12.789, 32.915

Protanomaly
65, 7.091, 52.837

Deuteranomaly
65, 11.552, 39.796

Tritanomaly
65, 13.271, 8.712

Monochromacy



Original Color
65, 12.789, 32.915

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.416, 34.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.789, 32.915 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(182, 151, 146)` looks like.

```
.text, #text, p{  
    color:rgb(182, 151, 146)  
}
```

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(182, 151, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 151, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.789, 32.915 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(182, 151, 146) }
```

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

```
.border{ border-color:rgb(182, 151, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 151, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 151, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 151, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 151,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.789, 32.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 151, 146) }
```

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

```
.background{ background-color: rgb(182,  
151, 146) }
```

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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