

Converting Colors

CIELCh(65, 13.373, 91.032)

Have a look what the booklet for
CIELCh(65, 13.373, 91.032) contains.

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Color

CIELCh(65, 13.357, 91.046)

Conversions

Conversions Part 1

Format	Color
Hex	A79D86
RGB	167, 157, 134
RGB Percent	65%, 62%, 53%
CMY	0.3451, 0.3843, 0.4745
CMYK	0.00, 0.06, 0.20, 0.35
HSL	42°, 16%, 59%
HSV	42°, 20%, 65%
XYZ	32.2931, 34.0472, 27.4211
YIQ	157.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

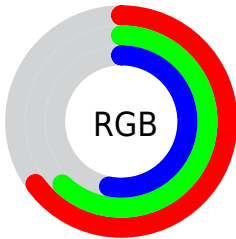
Format	Color
RYB	148, 167, 134
Decimal	10984838
CIELab	65.00, -0.24, 13.35
CIElCh	65, 13.357, 91.046
Yxy	34.0472, 0.3444, 0.3631
Android (android.graphics.Color)	4289174918 (0xFFA79D86)
YUV	157.3680, -11.5204, 8.4473
Hunter-Lab	58.3500, -3.3238, 12.9821

Details

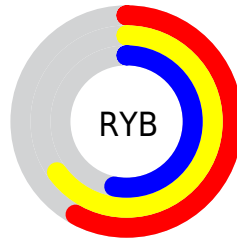
The CIELCh color **65, 13.357, 91.046** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 13.393, 276.195**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 13.245, 90.637**, and **45, 13.655, 91.215** is the 20% darker color. If you saturate the color by 10%, you get **63, 20.281, 89.778**, and if you desaturate by 10%, it is **67, 6.538, 92.281**.

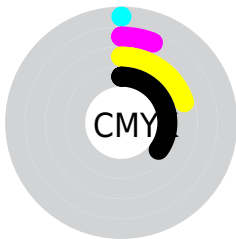
Distribution



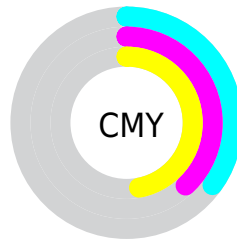
- Red (65%)
- Green (62%)
- Blue (53%)



- Red (58%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 13.357, 91.046 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, 13.357, 91.046 by changing the saturation by 10% instead.

■ 65, 13.357, 91.046

■ 65, 13.357, 91.046

■ 100, 13.357,
91.046

■ 55, 13.357, 91.046

■ 85, 13.357, 91.046

■ 45, 13.357, 91.046

■ 95, 13.357, 91.046

■ 35, 13.357, 91.046

■ 25, 13.357, 91.046

■ 15, 13.357, 91.046

■ 5, 13.357, 91.046

■ 0, 13.357, 91.046

■ 65, 13.357, 91.046

■ 65, 13.357, 91.046

■ 63, 20.281, 89.778

■ 67, 6.538, 92.281

62, 27.271, 88.462

69, 0.167, 274.666

60, 34.258, 87.109

70, 6.752, 274.689

58, 41.105, 85.710

72, 13.222,
275.778

57, 47.566, 84.242

74, 19.582,
276.825

55, 53.229, 82.652

54, 57.499, 80.837

76, 25.840,
277.823

53, 60.261, 78.767

78, 32.003,
278.771

53, 60.329, 78.720

79, 31.726,
275.732

81, 29.540,
270.858

Harmonies

Complementary

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



65, 13.357, 91.046



60, 13.393, 276.195

Rectangle

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



65, 13.357, 91.046



65, 13.357, 141.046



65, 13.357, 271.046



65, 13.357, 321.046

Sweetspot

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



65, 13.358, 91.054



85, 4.949, 92.706



59, 14.338, 356.760



45, 3.311, 92.636



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 13.358, 91.054



81, 20.138, 90.463



67, 18.221, 115.985



35, 3.813, 92.337



47, 55.210, 78.999



4, 6.412, 87.381

Inverse Universe

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



60, 13.393, 276.195



73, 20.201, 276.958



57, 19.005, 298.892



33, 3.824, 274.681



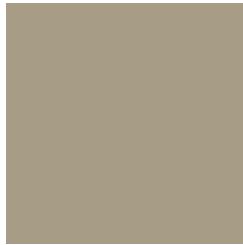
24, 67.058, 297.593



2, 7.249, 276.508

Previews

White Background



This preview shows how the CIELCh color 65, 13.357, 91.046 looks on a white background.

Color Contrast Check

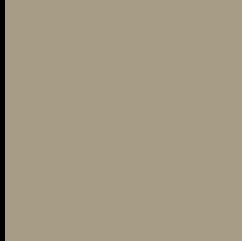
Large Text (above 18pt) WCAG AA × Fail

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 65, 13.357, 91.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

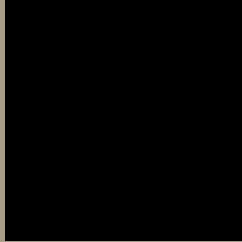
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 13.357, 91.046

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.357, 91.046.



This preview shows how white text looks on a background with the CIELCh color 65, 13.357, 91.046.

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, 13.357, 91.046

Protanopia

65, 13.236, 92.737

Deuteranopia

65, 15.300, 57.893



Tritanopia
65, 9.597, 336.367

Trichromacy



Original Color
65, 13.357, 91.046

Protanomaly
65, 13.236, 92.737

Deuteranomaly
65, 13.915, 68.638

Tritanomaly
65, 6.248, 19.917

Monochromacy



Original Color
65, 13.357, 91.046

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.687, 90.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.357, 91.046 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(167, 157, 134)` looks like.

```
.text, #text, p{  
    color:rgb(167, 157, 134)  
}
```

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(167, 157, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 157, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.357, 91.046 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(167, 157, 134) }
```

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

```
.border{ border-color:rgb(167, 157, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 157, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 157, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 157, 134);  
box-shadow:4px 4px 4px 4px rgb(167, 157,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.357, 91.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 157, 134) }
```

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

```
.background{ background-color: rgb(167,  
157, 134) }
```

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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