

Converting Colors

CIELCh(65, 26.496, 95.092)

Have a look what the booklet for
CIELCh(65, 26.496, 95.092) contains.

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Color

CIELCh(65, 26.951, 95.423)

Conversions

Conversions Part 1

Format	Color
Hex	AB9E6E
RGB	171, 158, 110
RGB Percent	67%, 62%, 43%
CMY	0.3310, 0.3819, 0.5701
CMYK	0.00, 0.08, 0.36, 0.33
HSL	47°, 27%, 55%
HSV	47°, 36%, 67%
XYZ	31.6577, 34.0472, 19.5472
YIQ	156.4150, 23.1560, -12.1720

Conversions

Conversions Part 2

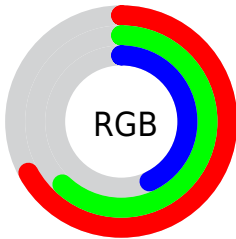
Format	Color
RYB	127, 171, 110
Decimal	11247214
CIELab	65.00, -2.55, 26.83
CIELCh	65, 26.951, 95.423
Yxy	34.0472, 0.3713, 0.3994
Android (android.graphics.Color)	4289437294 (0xFFAB9E6E)
YUV	156.4150, -22.8826, 12.7910
Hunter-Lab	58.3500, -5.2674, 20.9829

Details

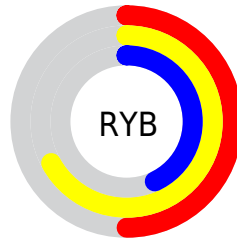
The CIELCh color $65, 26.951, 95.423$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 28.021, 284.866$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 27.157, 96.063$, and $45, 26.817, 95.265$ is the 20% darker color. If you saturate the color by 10%, you get $64, 34.450, 94.196$, and if you desaturate by 10%, it is $66, 19.378, 96.636$.

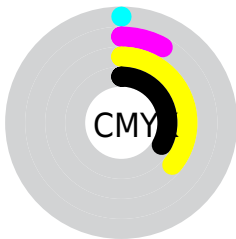
Distribution



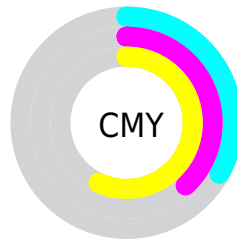
- Red (67%)
- Green (62%)
- Blue (43%)



- Red (50%)
- Yellow (67%)
- Blue (43%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 26.951, 95.423 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, 26.951, 95.423 by changing the saturation by 10% instead.

65, 26.951, 95.423

65, 26.951, 95.423

100, 26.951,
95.423

55, 26.951, 95.423

85, 26.951, 95.423

45, 26.951, 95.423

95, 26.951, 95.423

35, 26.951, 95.423

25, 26.951, 95.423

15, 26.951, 95.423

5, 26.951, 95.423

0, 26.951, 95.423

65, 26.951, 95.423

65, 26.951, 95.423

64, 34.450, 94.196

66, 19.378, 96.636

63, 41.734, 92.946

68, 11.806, 97.813

61, 48.566, 91.677

69, 4.280, 98.940

60, 54.572, 90.374

70, 3.177, 280.129

59, 59.219, 89.003

72, 10.556,
281.163

58, 61.982, 87.500

73, 17.852,
282.177

58, 62.907, 86.850

75, 25.064,
283.147

76, 32.195,
284.069

78, 34.990,
283.306

Harmonies

Complementary

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



65, 26.951, 95.423



52, 28.021, 284.866

Rectangle

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



65, 26.951, 95.423



65, 26.951, 145.423



65, 26.951, 275.423



65, 26.951, 325.423

Sweetspot

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



65, 26.952, 95.428



87, 10.196, 98.334



53, 26.206, 6.141



46, 6.910, 98.185



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 26.952, 95.428



81, 40.128, 94.440



67, 33.698, 119.080



35, 4.185, 98.551



51, 56.701, 87.064



5, 7.125, 95.399

Inverse Universe

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



52, 28.021, 284.866



62, 42.268, 286.492



50, 36.285, 303.731



33, 4.228, 280.735



21, 75.654, 301.517



1, 7.884, 281.391

Previews

White Background



This preview shows how the CIELCh color 65, 26.951, 95.423 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, 26.951, 95.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

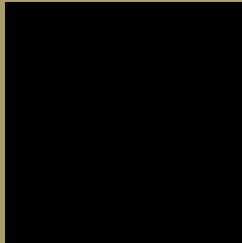
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.951, 95.423

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.951, 95.423.



This preview shows how white text looks on a background with the CIELCh color 65, 26.951, 95.423.

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, 26.951, 95.423

Protanopia

65, 26.861, 96.319

Deuteranopia

65, 27.608, 72.314



Tritanopia
65, 12.026, 347.035

Trichromacy



Original Color
65, 26.951, 95.423

Protanomaly
65, 26.861, 96.319

Deuteranomaly
65, 27.028, 79.979

Tritanomaly
65, 10.167, 49.293

Monochromacy



Original Color
65, 26.951, 95.423

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.087, 99.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.951, 95.423 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(171, 158, 110)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 110)  
}
```

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(171, 158, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.951, 95.423 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(171, 158, 110) }
```

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

```
.border{ border-color:rgb(171, 158, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 110);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.951, 95.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 110) }
```

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

```
.background{ background-color: rgb(171,  
158, 110) }
```

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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