

Converting Colors

CIELCh(65, 11.235, 326.295)

Have a look what the booklet for
CIELCh(65, 11.235, 326.295)
contains.

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Color

CIELCh(65, 11.009, 326.591)

Conversions

Conversions Part 1

Format	Color
Hex	AA99A9
RGB	170, 153, 169
RGB Percent	67%, 60%, 66%
CMY	0.3346, 0.4012, 0.3385
CMYK	0.00, 0.10, 0.01, 0.33
HSL	304°, 9%, 63%
HSV	304°, 10%, 67%
XYZ	34.9840, 34.0472, 42.1114
YIQ	159.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

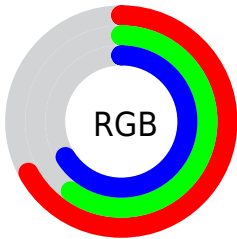
Format	Color
R_{YB}	170, 153, 169
Decimal	11180457
CIE Lab	65.00, 9.19, -6.06
CIE LCh	65, 11.009, 326.591
Yxy	34.0472, 0.3148, 0.3063
Android (android.graphics.Color)	4289370537 (0xFFAA99A9)
YUV	159.9070, 4.4828, 8.8516
Hunter-Lab	58.3500, 4.9082, -1.9448

Details

The CIELCh color $65, 11.009, 326.591$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.988, 145.486$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.076, 326.390$, and $45, 11.063, 326.877$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.086, 327.161$, and if you desaturate by 10%, it is $69, 0.022, 314.807$.

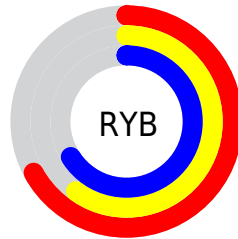
Distribution



Red (67%)

Green (60%)

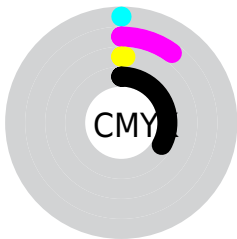
Blue (66%)



Red (67%)

Yellow (60%)

Blue (66%)

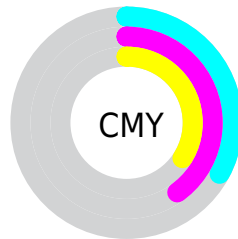


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (33%)



Cyan (33%)


Magenta (40%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.009, 326.591 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, 11.009, 326.591 by changing the saturation by 10% instead.


 65, 11.009,
326.591


 65, 11.009,
326.591


 100, 11.009,
326.591


 55, 11.009,
326.591


 85, 11.009,
326.591

 45, 11.009,
326.591

 95, 11.009,
326.591

 35, 11.009,
326.591

 25, 11.009,
326.591

 15, 11.009,
326.591

 5, 11.009, 326.591

 0, 11.009, 326.591

65, 11.009,
326.591

65, 11.009,
326.591

61, 22.086,
327.161

69, 0.022, 314.807

57, 33.088,
327.720

74, 10.763,
145.544

53, 43.772,
328.264

79, 21.279,
145.012

49, 53.811,
328.782

83, 31.494,
144.510

46, 62.805,
329.262

88, 41.395,
144.035

44, 70.320,
329.696

93, 50.980,
143.586


42, 75.968,
330.077


93, 50.851,
143.891

40, 79.518,

93, 50.440,
144.223

330.407

 93, 50.029,
144.560

 40, 81.361,
330.702

Harmonies

Complementary

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



65, 11.009, 326.591



68, 10.988, 145.486

Rectangle

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



65, 11.009, 326.591



65, 11.009, 16.591



65, 11.009, 146.591



65, 11.009, 196.591

Sweetspot

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



65, 11.007, 326.591



87, 4.087, 326.156



64, 9.505, 293.081



46, 3.123, 326.214



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, 11.007, 326.591



82, 16.425, 326.718



65, 7.816, 347.252



33, 6.177, 326.549



34, 73.582, 330.673



2, 11.037, 326.719

Inverse Universe

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



65, 11.007, 326.591



82, 16.425, 326.718



68, 7.690, 165.628



33, 6.177, 326.549



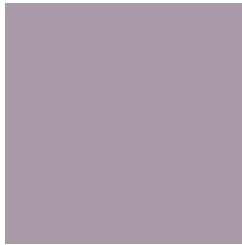
34, 73.582, 330.673



2, 11.037, 326.719

Previews

White Background



This preview shows how the CIELCh color 65, 11.009, 326.591 looks on a white background.

Color Contrast Check

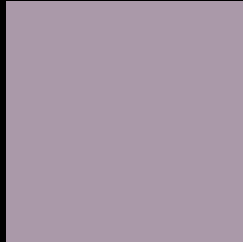
Large Text (above 18pt) WCAG AA × Fail

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, 11.009, 326.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

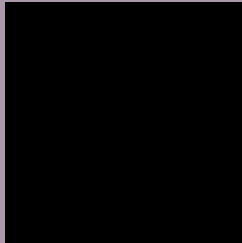
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.009, 326.591

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.009, 326.591.



This preview shows how white text looks on a background with the CIELCh color 65, 11.009, 326.591.

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, 11.009, 326.591

Protanopia

65, 7.787, 291.005

Deuteranopia

65, 10.588, 323.209



Tritanopia
65, 9.066, 332.913

Trichromacy



Original Color
65, 11.009, 326.591

Protanomaly
65, 8.783, 308.286

Deuteranomaly
65, 10.794, 324.931

Tritanomaly
65, 9.478, 330.640

Monochromacy



Original Color
65, 11.009, 326.591

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 4.290, 328.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.009, 326.591 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(170, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(170, 153, 169)  
}
```

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(170, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 153, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.009, 326.591 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(170, 153, 169) }
```

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

```
.border{ border-color:rgb(170, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(170, 153,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.009, 326.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 153, 169) }
```

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

```
.background{ background-color: rgb(170,  
153, 169) }
```

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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