

Converting Colors

CIELCh(65, 7.374, 89.235)

Have a look what the booklet for
CIELCh(65, 7.374, 89.235) contains.

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Color

CIELCh(65, 7.188, 86.752)

Conversions

Conversions Part 1

Format	Color
Hex	A49D91
RGB	164, 157, 145
RGB Percent	64%, 62%, 57%
CMY	0.3569, 0.3843, 0.4314
CMYK	0.00, 0.04, 0.12, 0.36
HSL	38°, 9%, 61%
HSV	38°, 12%, 64%
XYZ	32.4742, 34.0472, 31.6452
YIQ	157.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

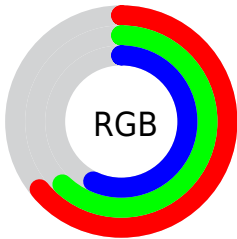
Format	Color
RYB	156, 164, 145
Decimal	10788241
CIELab	65.00, 0.41, 7.18
CIELCh	65, 7.188, 86.752
Yxy	34.0472, 0.3308, 0.3468
Android (android.graphics.Color)	4288978321 (0xFFA49D91)
YUV	157.7250, -6.2734, 5.5032
Hunter-Lab	58.3500, -2.7697, 8.6899

Details

The CIELCh color $65, 7.188, 86.752$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.147, 269.793$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.275, 88.592$, and $45, 7.019, 87.690$ is the 20% darker color. If you saturate the color by 10%, you get $63, 13.571, 85.498$, and if you desaturate by 10%, it is $67, 0.965, 87.802$.

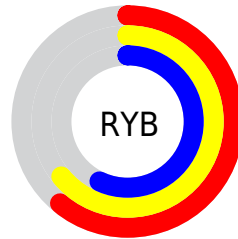
Distribution



Red (64%)

Green (62%)

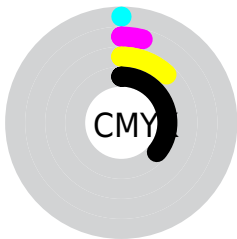
Blue (57%)



Red (61%)

Yellow (64%)

Blue (57%)

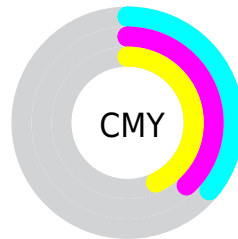


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.188, 86.752 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, 7.188, 86.752 by changing the saturation by 10% instead.

 65, 7.188, 86.752  65, 7.188, 86.752

 100, 7.188, 86.752  55, 7.188, 86.752

 85, 7.188, 86.752  45, 7.188, 86.752

 95, 7.188, 86.752  35, 7.188, 86.752

 25, 7.188, 86.752

 15, 7.188, 86.752

 5, 7.188, 86.752

 0, 7.188, 86.752

 65, 7.188, 86.752  65, 7.188, 86.752

 63, 13.571, 85.498  67, 0.965, 87.802

61, 20.107, 84.182

69, 5.105, 269.280

59, 26.771, 82.826

71, 11.032,
270.403

57, 33.506, 81.427

73, 16.825,
271.493

55, 40.186, 79.972

54, 46.576, 78.421

75, 22.498,
272.534

52, 52.255, 76.688

78, 28.060,
273.526

50, 56.597, 74.616

49, 59.306, 72.660

80, 31.172,
272.546

81, 28.764,
266.303

83, 26.745,
259.099

Harmonies

Complementary

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



65, 7.188, 86.752



63, 7.147, 269.793

Rectangle

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



65, 7.188, 86.752



65, 7.188, 136.752



65, 7.188, 266.752



65, 7.188, 316.752

Sweetspot

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



65, 7.189, 86.767



85, 2.282, 87.737



62, 8.463, 351.463



45, 1.730, 87.666



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 7.189, 86.767



82, 10.836, 86.433



67, 10.487, 113.865



34, 3.485, 87.051



44, 54.275, 73.003



3, 5.094, 83.027

Inverse Universe

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



63, 7.147, 269.793



79, 10.747, 270.181



61, 10.760, 295.723



32, 3.472, 269.473



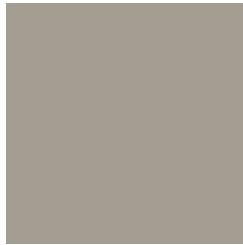
26, 59.535, 293.767



2, 5.578, 271.109

Previews

White Background



This preview shows how the CIELCh color 65, 7.188, 86.752 looks on a white background.

Color Contrast Check

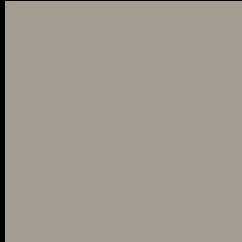
Large Text (above 18pt) WCAG AA × Fail

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, 7.188, 86.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

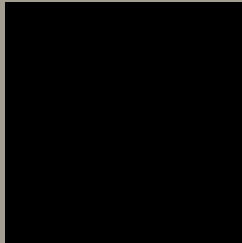
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.188, 86.752

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.188, 86.752.



This preview shows how white text looks on a background with the CIELCh color 65, 7.188, 86.752.

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, 7.188, 86.752

Protanopia

65, 7.188, 86.752

Deuteranopia

65, 10.565, 38.479



Tritanopia
65, 8.331, 326.989

Trichromacy



Original Color
65, 7.188, 86.752

Protanomaly
65, 7.188, 86.752

Deuteranomaly
65, 8.441, 51.462

Tritanomaly
65, 4.567, 358.395

Monochromacy



Original Color
65, 7.188, 86.752

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.863, 94.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.188, 86.752 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(164, 157, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 145)  
}
```

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(164, 157, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.188, 86.752 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(164, 157, 145) }
```

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

```
.border{ border-color:rgb(164, 157, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.188, 86.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 145) }
```

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

```
.background{ background-color: rgb(164,  
157, 145) }
```

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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