

Converting Colors

CIELCh(65, 23.386, 79.691)

Have a look what the booklet for
CIELCh(65, 23.386, 79.691) contains.

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Color

CIELCh(65, 23.386, 79.691)

Conversions

Conversions Part 1

Format	Color
Hex	B49A75
RGB	180, 154, 117
RGB Percent	71%, 60%, 46%
CMY	0.2946, 0.3965, 0.5416
CMYK	0.00, 0.14, 0.35, 0.29
HSL	35°, 30%, 58%
HSV	35°, 35%, 71%
XYZ	33.5385, 34.0472, 21.6017
YIQ	157.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

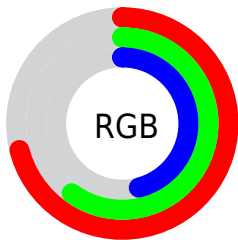
Format	Color
RYB	161, 180, 117
Decimal	11836021
CIELab	65.00, 4.19, 23.01
CIELCh	65, 23.386, 79.691
Yxy	34.0472, 0.3760, 0.3817
Android (android.graphics.Color)	4290026101 (0xFFB49A75)
YUV	157.5560, -19.9941, 19.6834
Hunter-Lab	58.3500, 0.4863, 18.8953

Details

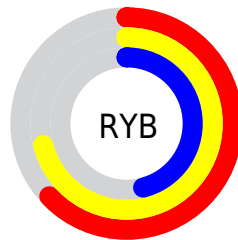
The CIELCh color $65, 23.386, 79.691$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 22.330, 269.992$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.528, 79.174$, and $45, 23.535, 79.844$ is the 20% darker color. If you saturate the color by 10%, you get $63, 30.509, 78.324$, and if you desaturate by 10%, it is $67, 16.446, 81.035$.

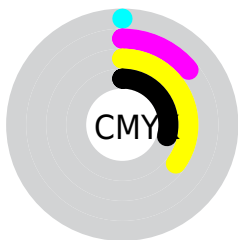
Distribution



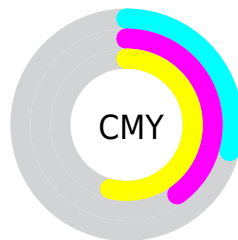
- Red (71%)
- Green (60%)
- Blue (46%)



- Red (63%)
- Yellow (71%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 23.386, 79.691 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, 23.386, 79.691 by changing the saturation by 10% instead.

■ 65, 23.386, 79.691

■ 65, 23.386, 79.691

■ 100, 23.386,
79.691

■ 55, 23.386, 79.691

■ 85, 23.386, 79.691

■ 45, 23.386, 79.691

■ 95, 23.386, 79.691

■ 35, 23.386, 79.691

■ 25, 23.386, 79.691

■ 15, 23.386, 79.691

■ 5, 23.386, 79.691

■ 0, 23.386, 79.691

■ 65, 23.386, 79.691

■ 65, 23.386, 79.691

■ 63, 30.509, 78.324

■ 67, 16.446, 81.035

61, 37.743, 76.907

70, 9.712, 82.332

58, 44.933, 75.422

72, 3.189, 83.545

56, 51.776, 73.804

74, 3.135, 264.950

54, 57.733, 71.921

77, 9.273, 266.076

53, 62.035, 69.545

79, 15.243,
267.200

52, 63.854, 68.305

82, 21.059,
268.280

84, 24.028,
265.921

86, 21.755,
255.084

Harmonies

Complementary

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



65, 23.386, 79.691



59, 22.330, 269.992

Rectangle

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



65, 23.386, 79.691



65, 23.386, 129.691



65, 23.386, 259.691



65, 23.386, 309.691

Sweetspot

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



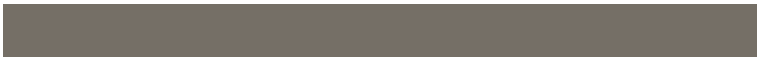
65, 23.386, 79.697



90, 8.773, 82.813



56, 28.803, 352.052



47, 5.903, 82.647



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 23.386, 79.697



81, 35.209, 78.642



72, 33.704, 110.553



37, 3.605, 83.043



44, 56.614, 68.780



5, 7.896, 72.743

Inverse Universe

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



59, 22.330, 269.992



71, 33.277, 271.741



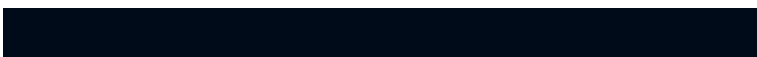
52, 36.707, 297.227



36, 3.572, 265.528



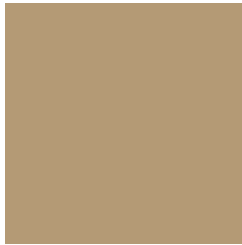
29, 57.441, 290.883



3, 9.490, 272.275

Previews

White Background



This preview shows how the CIELCh color 65, 23.386, 79.691 looks on a white background.

Color Contrast Check

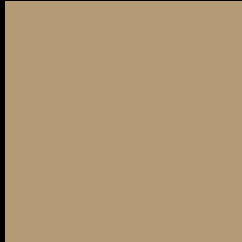
Large Text (above 18pt) WCAG AA × Fail

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, 23.386, 79.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

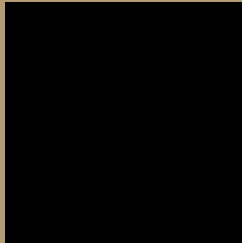
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.386, 79.691

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.386, 79.691.



This preview shows how white text looks on a background with the CIELCh color 65, 23.386, 79.691.

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, 23.386, 79.691

Protanopia

65, 21.978, 95.716

Deuteranopia

65, 24.302, 70.091



Tritanopia
65, 15.841, 356.280

Trichromacy



Original Color
65, 23.386, 79.691

Protanomaly
65, 22.569, 90.422

Deuteranomaly
65, 23.916, 73.203

Tritanomaly
65, 13.777, 34.434

Monochromacy



Original Color
65, 23.386, 79.691

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.542, 84.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.386, 79.691 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(180, 154, 117)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 117)  
}
```

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(180, 154, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.386, 79.691 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(180, 154, 117) }
```

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

```
.border{ border-color:rgb(180, 154, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 154, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 117);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.386, 79.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 117) }
```

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

```
.background{ background-color: rgb(180,  
154, 117) }
```

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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