

Converting Colors

CIELCh(66, 21.001, 58.466)

Have a look what the booklet for
CIELCh(66, 21.001, 58.466) contains.

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Color

CIELCh(66, 20.934, 59.241)

Conversions

Conversions Part 1

Format	Color
Hex	BF9981
RGB	191, 153, 129
RGB Percent	75%, 60%, 51%
CMY	0.2520, 0.4009, 0.4950
CMYK	0.00, 0.20, 0.32, 0.25
HSL	23°, 33%, 63%
HSV	23°, 32%, 75%
XYZ	36.7185, 35.3238, 25.5689
YIQ	161.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

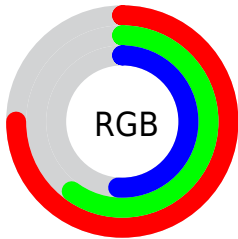
Format	Color
RYB	191, 168, 129
Decimal	12556673
CIELab	66.00, 10.71, 17.99
CIElCh	66, 20.934, 59.241
Yxy	35.3238, 0.3762, 0.3619
Android (android.graphics.Color)	4290746753 (0xFFBF9981)
YUV	161.6260, -16.0846, 25.7610
Hunter-Lab	59.4338, 6.2690, 16.0967

Details

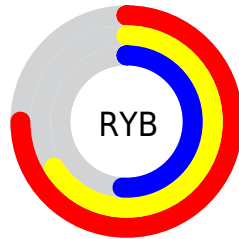
The CIELCh color $66, 20.934, 59.241$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $66, 17.935, 246.788$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 20.824, 58.790$, and $46, 20.646, 59.196$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.306, 58.385$, and if you desaturate by 10%, it is $69, 14.018, 60.152$.

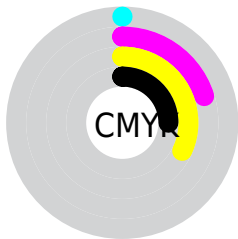
Distribution



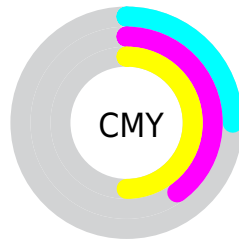
- Red (75%)
- Green (60%)
- Blue (51%)



- Red (75%)
- Yellow (66%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (25%)



- Cyan (25%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 20.934, 59.241 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 66, 20.934, 59.241 by changing the saturation by 10% instead.

66, 20.934, 59.241

66, 20.934, 59.241

100, 20.934,
59.241

56, 20.934, 59.241

86, 20.934, 59.241

46, 20.934, 59.241

96, 20.934, 59.241

36, 20.934, 59.241

26, 20.934, 59.241

16, 20.934, 59.241

6, 20.934, 59.241

0, 20.934, 59.241

66, 20.934, 59.241

66, 20.934, 59.241

63, 28.306, 58.385

69, 14.018, 60.152

60, 36.129, 57.572

73, 7.537, 61.073

56, 44.338, 56.795

76, 1.454, 61.798

54, 52.749, 55.998

80, 4.271, 243.176

51, 60.935, 55.033

84, 9.677, 244.089

49, 68.047, 53.572

87, 14.803,
245.031

47, 72.504, 52.218

91, 17.423,
236.355

94, 18.435,
212.552

96, 20.882,
198.132

Harmonies

Complementary

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



66, 20.934, 59.241



66, 17.935, 246.788

Rectangle

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



66, 20.934, 59.241



66, 20.934, 109.241



66, 20.934, 239.241



66, 20.934, 289.241

Sweetspot

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



66, 20.934, 59.248



93, 7.395, 61.284



61, 31.554, 340.488



49, 5.110, 61.156



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 20.934, 59.248



81, 31.778, 58.628



74, 29.388, 101.493



38, 3.355, 61.356



39, 62.805, 52.769



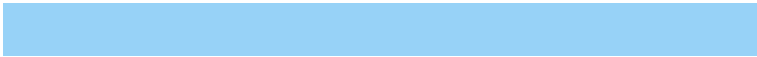
5, 10.097, 47.886

Inverse Universe

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



66, 17.935, 246.788



82, 26.173, 248.204



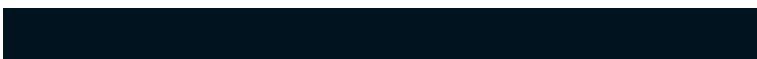
58, 31.159, 289.362



38, 3.229, 243.415



40, 39.811, 269.876



5, 10.342, 257.184

Previews

White Background



This preview shows how the CIELCh color 66, 20.934, 59.241 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 66, 20.934, 59.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

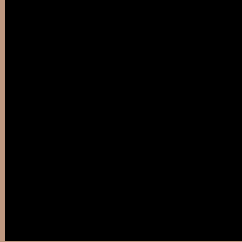
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.934, 59.241

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.934, 59.241.



This preview shows how white text looks on a background with the CIELCh color 66, 20.934, 59.241.

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

66, 20.934, 59.241

Protanopia

66, 15.959, 93.656

Deuteranopia

66, 20.110, 65.215



Tritanopia
66, 19.139, 1.212

Trichromacy



Original Color
66, 20.934, 59.241

Protanomaly
66, 16.838, 77.580

Deuteranomaly
66, 20.416, 64.376

Tritanomaly
66, 17.306, 22.843

Monochromacy



Original Color
66, 20.934, 59.241

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.440, 61.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.934, 59.241 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(191, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 129)  
}
```

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(191, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.934, 59.241 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(191, 153, 129) }
```

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

```
.border{ border-color:rgb(191, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.934, 59.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 129) }
```

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

```
.background{ background-color: rgb(191,  
153, 129) }
```

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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