

Converting Colors

CIELCh(34, 22.807, 332.491)

Have a look what the booklet for
CIELCh(34, 22.807, 332.491)
contains.

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Color

CIELCh(34, 22.534, 332.564)

Conversions

Conversions Part 1

Format	Color
Hex	684561
RGB	104, 69, 97
RGB Percent	41%, 27%, 38%
CMY	0.5933, 0.7304, 0.6207
CMYK	0.00, 0.34, 0.07, 0.59
HSL	312°, 20%, 34%
HSV	312°, 34%, 41%
XYZ	9.9333, 8.0082, 12.2648
YIQ	82.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

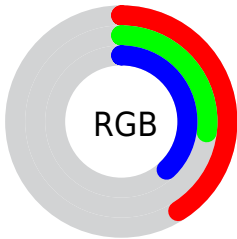
Format	Color
R_{YB}	104, 69, 97
Decimal	6833505
CIE Lab	34.00, 20.00, -10.38
CIE LCh	34, 22.534, 332.564
Yxy	8.0082, 0.3288, 0.2651
Android (android.graphics.Color)	4285023585 (0xFF684561)
YUV	82.6570, 7.0711, 18.7178
Hunter-Lab	28.2988, 13.1333, -5.8874

Details

The CIELCh color $34, 22.534, 332.564$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $41, 22.438, 148.084$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 22.609, 332.423$, and $14, 23.073, 332.092$ is the 20% darker color. If you saturate the color by 10%, you get $31, 28.984, 333.218$, and if you desaturate by 10%, it is $37, 15.872, 331.929$.

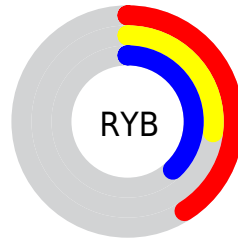
Distribution



Red (41%)

Green (27%)

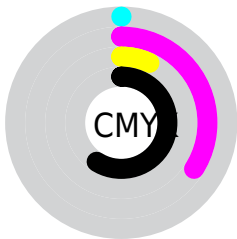
Blue (38%)



Red (41%)

Yellow (27%)

Blue (38%)

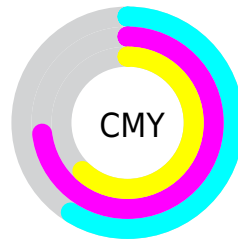


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (59%)



Cyan (59%)

Magenta (73%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 22.534, 332.564 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 34, 22.534, 332.564 by changing the saturation by 10% instead.


 34, 22.534,
332.564

 34, 22.534,
332.564

 100, 22.534,
332.564


 24, 22.534,
332.564

 54, 22.534,
332.564

 14, 22.534,
332.564

 64, 22.534,
332.564

 4, 22.534, 332.564

 74, 22.534,
332.564

 0, 22.534, 332.564

 84, 22.534,
332.564

 94, 22.534,
332.564

■ 34, 22.534,
332.564

■ 34, 22.534,
332.564

■ 31, 28.984,
333.218

■ 37, 15.872,
331.929

■ 29, 35.031,
333.891

■ 40, 9.150, 331.309

■ 43, 2.469, 330.663

■ 27, 40.431,
334.591

■ 46, 4.104, 150.220

■ 25, 44.914,
335.327

■ 49, 10.530,
149.649

■ 24, 48.232,
336.118

■ 52, 16.786,
149.125

■ 23, 50.314,
336.983

■ 55, 22.863,
148.630

■ 22, 51.500,
337.521

■ 58, 28.760,
148.161

■ 62, 34.482,
147.718

Harmonies

Complementary

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



34, 22.534, 332.564



41, 22.438, 148.084

Rectangle

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



34, 22.534, 332.564



34, 22.534, 22.564



34, 22.534, 152.564



34, 22.534, 202.564

Sweetspot

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



34, 22.532, 332.564



53, 8.269, 331.097



31, 22.481, 300.105



27, 5.689, 331.161



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



34, 22.532, 332.564



42, 33.044, 333.047



33, 16.862, 358.341



20, 3.681, 331.011



25, 55.234, 337.652



55, 94.959, 338.358

Inverse Universe

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



34, 22.532, 332.564



42, 33.044, 333.047



41, 15.438, 171.662



20, 3.681, 331.011



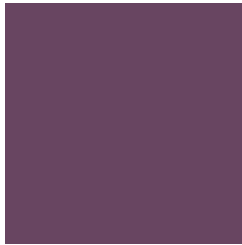
25, 55.234, 337.652



55, 94.959, 338.358

Previews

White Background



This preview shows how the CIELCh color 34, 22.534, 332.564 looks on a white 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

Black Background



This preview shows how the CIE LCh color 34, 22.534, 332.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

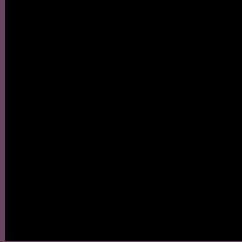
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 22.534, 332.564

Background



This preview shows how black text looks on a background with the CIELCh color 34, 22.534, 332.564.



This preview shows how white text looks on a background with the CIELCh color 34, 22.534, 332.564.

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

34, 22.534, 332.564

Protanopia

34, 15.738, 285.985

Deuteranopia

34, 10.771, 298.393



Tritanopia
34, 13.454, 5.634

Trichromacy



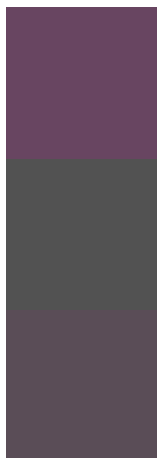
Original Color
34, 22.534, 332.564

Protanomaly
34, 16.891, 306.295

Deuteranomaly
34, 14.427, 315.527

Tritanomaly
34, 15.957, 349.111

Monochromacy



Original Color
34, 22.534, 332.564

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 8.382, 332.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 22.534, 332.564 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(104, 69, 97)` looks like.

```
.text, #text, p{  
    color:rgb(104, 69, 97)  
}
```

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(104, 69, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 69, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 22.534, 332.564 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(104, 69, 97) }
```

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

```
.border{ border-color:rgb(104, 69, 97) }
```

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

Here you see how a box with a 4 pixel rgb(104, 69, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 69, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 69, 97);  
box-shadow:4px 4px 4px 4px rgb(104, 69,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 22.534, 332.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 69, 97) }
```

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

```
.background{ background-color: rgb(104, 69,  
97) }
```

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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