

Converting Colors

CIELCh(36, 22.532, 325.948)

Have a look what the booklet for
CIELCh(36, 22.532, 325.948)
contains.

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Color

CIELCh(36, 22.137, 325.898)

Conversions

Conversions Part 1

Format	Color
Hex	694B69
RGB	105, 75, 105
RGB Percent	41%, 29%, 41%
CMY	0.5891, 0.7067, 0.5891
CMYK	0.00, 0.29, 0.00, 0.59
HSL	300°, 17%, 35%
HSV	300°, 29%, 41%
XYZ	10.8391, 9.0082, 14.4718
YIQ	87.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

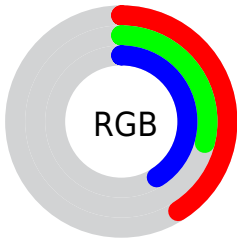
Format	Color
R_{YB}	105, 75, 105
Decimal	6900585
CIE _{Lab}	36.00, 18.33, -12.41
CIE _{LCh}	36, 22.137, 325.898
Yxy	9.0082, 0.3158, 0.2625
Android (android.graphics.Color)	4285090665 (0xFF694B69)
YUV	87.3900, 8.6817, 15.4440
Hunter-Lab	30.0136, 11.9396, -7.5786

Details

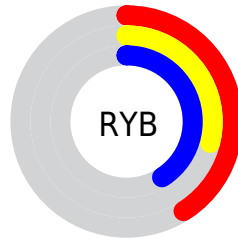
The CIELCh color $[36, 22.137, 325.898]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[41, 22.132, 142.609]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 22.200, 326.391]$, and $[16, 22.403, 325.591]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 29.703, 326.388]$, and if you desaturate by 10%, it is $[39, 14.400, 325.387]$.

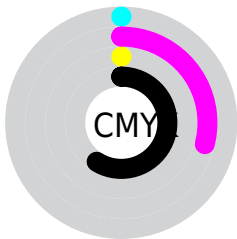
Distribution



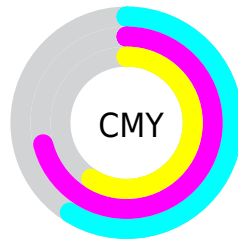
- Red (41%)
- Green (29%)
- Blue (41%)



- Red (41%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (59%)





- Cyan (59%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 22.137, 325.898 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 36, 22.137, 325.898 by changing the saturation by 10% instead.

 36, 22.137,
325.898


 36, 22.137,
325.898

 100, 22.137,
325.898


 26, 22.137,
325.898

 56, 22.137,
325.898


 16, 22.137,
325.898


 66, 22.137,
325.898

 6, 22.137, 325.898

 76, 22.137,
325.898

 0, 22.137, 325.898

 86, 22.137,
325.898

 96, 22.137,
325.898

36, 22.137,
325.898

36, 22.137,
325.898

33, 29.703,
326.388

39, 14.400,
325.387

31, 36.912,
326.844

42, 6.638, 324.859

29, 43.526,
327.253

45, 1.048, 144.525

48, 8.593, 143.887

27, 49.283,
327.600

51, 15.956,
143.391

26, 53.928,
327.875

54, 23.114,
142.920

25, 57.274,
328.069

57, 30.058,
142.474

24, 59.750,
328.210

60, 36.788,
142.052

24, 60.098,

328.230

 64, 43.307,
141.656

Harmonies

Complementary

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



36, 22.137, 325.898



41, 22.132, 142.609

Rectangle

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



36, 22.137, 325.898



36, 22.137, 15.898



36, 22.137, 145.898



36, 22.137, 195.898

Sweetspot

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



36, 22.136, 325.898



53, 8.545, 324.893



33, 18.602, 292.769



27, 5.988, 324.953



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



36, 22.136, 325.898



44, 32.320, 326.210



35, 15.956, 345.172



21, 4.407, 324.879



27, 65.115, 328.230



58, 112.049, 328.230

Inverse Universe

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



35, 13.690, 21.542



43, 20.490, 22.265



42, 15.475, 160.340



21, 2.547, 19.846



23, 56.951, 37.575



51, 101.389, 39.998

Previews

White Background



This preview shows how the CIE LCh color 36, 22.137, 325.898 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 36, 22.137, 325.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

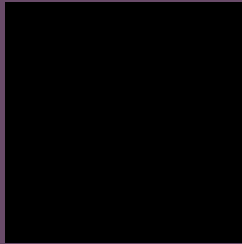
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 22.137, 325.898

Background



This preview shows how black text looks on a background with the CIELCh color 36, 22.137, 325.898.

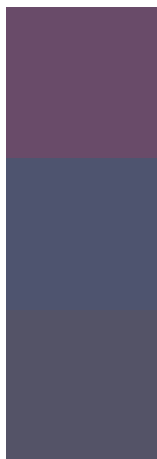


This preview shows how white text looks on a background with the CIELCh color 36, 22.137, 325.898.

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

36, 22.137, 325.898

Protanopia

36, 16.838, 285.341

Deuteranopia

36, 12.451, 293.994



Tritanopia
36, 10.703, 0.904

Trichromacy



Original Color
36, 22.137, 325.898

Protanomaly
36, 17.679, 301.660

Deuteranomaly
36, 15.740, 310.088

Tritanomaly
36, 14.404, 341.664

Monochromacy



Original Color
36, 22.137, 325.898

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 7.513, 324.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 22.137, 325.898 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(105, 75, 105)` looks like.

```
.text, #text, p{  
    color:rgb(105, 75, 105)  
}
```

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(105, 75, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 75, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 22.137, 325.898 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(105, 75, 105) }
```

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

```
.border{ border-color:rgb(105, 75, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 75, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 75, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 75, 105);  
box-shadow:4px 4px 4px 4px rgb(105, 75,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 22.137, 325.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 75, 105) }
```

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

```
.background{ background-color: rgb(105, 75,  
105) }
```

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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