

Converting Colors

CIELCh(30, 37.257, 325.191)

Have a look what the booklet for
CIELCh(30, 37.257, 325.191)
contains.

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Color

CIELCh(30, 37.219, 325.175)

Conversions

Conversions Part 1

Format	Color
Hex	653468
RGB	101, 52, 104
RGB Percent	40%, 20%, 41%
CMY	0.6036, 0.7958, 0.5918
CMYK	0.03, 0.50, 0.00, 0.59
HSL	297°, 33%, 31%
HSV	297°, 50%, 41%
XYZ	9.1109, 6.2359, 13.8424
YIQ	72.5790, 12.5120, 26.5600

Conversions

Conversions Part 2

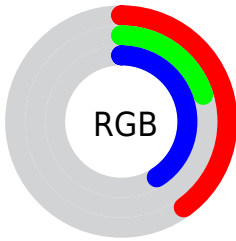
Format	Color
RYB	101, 52, 104
Decimal	6632552
CIELab	30.00, 30.55, -21.25
CIELCh	30, 37.219, 325.175
Yxy	6.2359, 0.3121, 0.2136
Android (android.graphics.Color)	4284822632 (0xFF653468)
YUV	72.5790, 15.4906, 24.9252
Hunter-Lab	24.9718, 21.4247, -15.3855

Details

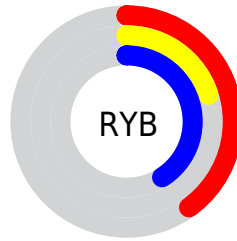
The CIELCh color $30, 37.219, 325.175$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $40, 37.172, 139.484$, and the grayscale version is $31, 0.005, 296.813$.

A 20% lighter version of the original color is $50, 36.671, 325.202$, and $10, 37.695, 324.903$ is the 20% darker color. If you saturate the color by 10%, you get $28, 43.750, 325.531$, and if you desaturate by 10%, it is $32, 30.119, 324.763$.

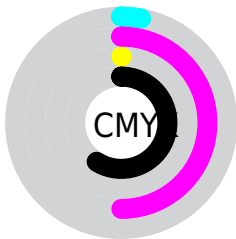
Distribution



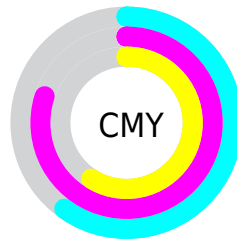
- Red (40%)
- Green (20%)
- Blue (41%)



- Red (40%)
- Yellow (20%)
- Blue (41%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (59%)





- Cyan (60%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 37.219, 325.175 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 30, 37.219, 325.175 by changing the saturation by 10% instead.


 30, 37.219,
325.175


 30, 37.219,
325.175

 100, 37.219,
325.175


 20, 37.219,
325.175


 50, 37.219,
325.175


 10, 37.219,
325.175

 60, 37.219,
325.175

 0, 37.219, 325.175

 70, 37.219,
325.175

 80, 37.219,
325.175

 90, 37.219,
325.175

■ 30, 37.219,
325.175

■ 30, 37.219,
325.175

■ 28, 43.750,
325.531

■ 32, 30.119,
324.763

■ 26, 49.449,
325.810

■ 35, 22.686,
324.311

■ 24, 54.051,
325.994

■ 38, 15.101,
323.837

■ 23, 57.352,
326.068

■ 41, 7.501, 323.347

■ 22, 59.983,
326.091

■ 44, 0.023, 149.390

■ 22, 59.994,
326.091

■ 47, 7.409, 142.444

■ 50, 14.620,
141.983

■ 53, 21.636,
141.549

■ 57, 28.449,
141.140

Harmonies

Complementary

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



30, 37.219, 325.175



40, 37.172, 139.484

Rectangle

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



30, 37.219, 325.175



30, 37.219, 15.175



30, 37.219, 145.175



30, 37.219, 195.175

Sweetspot

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



30, 37.218, 325.175



51, 14.038, 323.616



25, 31.843, 294.344



25, 9.659, 323.692



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



30, 37.218, 325.175



36, 54.000, 325.585



29, 28.324, 344.685



20, 4.154, 323.294



25, 64.293, 326.068



55, 111.524, 325.938

Inverse Universe

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



29, 25.072, 20.315



34, 38.156, 22.894



40, 27.383, 155.539



19, 2.448, 15.168



22, 54.448, 35.052



51, 98.335, 38.312

Previews

White Background



This preview shows how the CIELCh color 30, 37.219, 325.175 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 CIELCh color 30, 37.219, 325.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

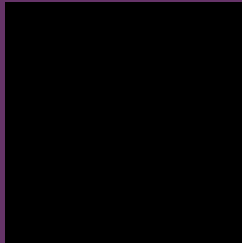
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 37.219, 325.175

Background



This preview shows how black text looks on a background with the CIELCh color 30, 37.219, 325.175.



This preview shows how white text looks on a background with the CIELCh color 30, 37.219, 325.175.

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

30, 37.219, 325.175

Protanopia

30, 31.467, 285.226

Deuteranopia

30, 20.011, 283.569



Tritanopia
30, 16.480, 11.527

Trichromacy



Original Color
30, 37.219, 325.175

Protanomaly
30, 32.834, 299.383

Deuteranomaly
29, 25.548, 304.578

Tritanomaly
30, 21.983, 344.551

Monochromacy



Original Color
30, 37.219, 325.175

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 14.363, 324.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 37.219, 325.175 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(101, 52, 104)` looks like.

```
.text, #text, p{  
    color:rgb(101, 52, 104)  
}
```

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(101, 52, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 52, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 37.219, 325.175 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(101, 52, 104) }
```

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

```
.border{ border-color:rgb(101, 52, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 52, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 52, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 52, 104);  
box-shadow:4px 4px 4px 4px rgb(101, 52,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 37.219, 325.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 52, 104) }
```

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

```
.background{ background-color: rgb(101, 52,  
104) }
```

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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