

Converting Colors

CIELCh(40, 32.144, 307.102)

Have a look what the booklet for
CIELCh(40, 32.144, 307.102)
contains.

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Color

CIELCh(40, 32.008, 307.358)

Conversions

Conversions Part 1

Format	Color
Hex	695588
RGB	105, 85, 136
RGB Percent	41%, 33%, 53%
CMY	0.5887, 0.6671, 0.4671
CMYK	0.23, 0.38, 0.00, 0.47
HSL	264°, 23%, 43%
HSV	264°, 38%, 53%
XYZ	13.4884, 11.2510, 24.7105
YIQ	96.7940, -4.4510, 20.1010

Conversions

Conversions Part 2

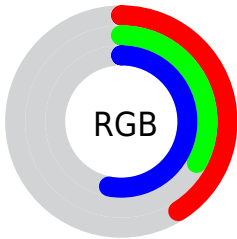
Format	Color
R_{YB}	105, 85, 136
Decimal	6903176
CIE _{Lab}	40.00, 19.42, -25.44
CIE _{LCh}	40, 32.008, 307.358
Yxy	11.2510, 0.2728, 0.2275
Android (android.graphics.Color)	4285093256 (0xFF695588)
YUV	96.7940, 19.3286, 7.1967
Hunter-Lab	33.5425, 13.0804, -20.1988

Details

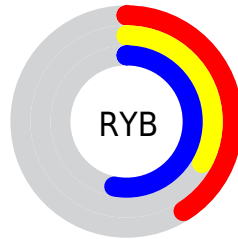
The CIELCh color $40, 32.008, 307.358$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 29.997, 123.359$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 32.151, 307.117$, and $20, 32.428, 307.426$ is the 20% darker color. If you saturate the color by 10%, you get $36, 41.000, 308.038$, and if you desaturate by 10%, it is $44, 23.156, 306.712$.

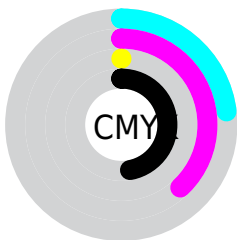
Distribution



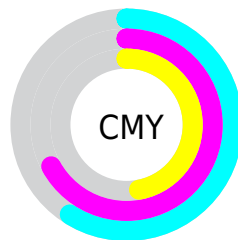
- Red (41%)
- Green (33%)
- Blue (53%)



- Red (41%)
- Yellow (33%)
- Blue (53%)



- Cyan (23%)
- Magenta (38%)
- Yellow (0%)
- Black (47%)





- Cyan (59%)
- Magenta (67%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 32.008, 307.358 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 40, 32.008, 307.358 by changing the saturation by 10% instead.


 40, 32.008,
307.358


 40, 32.008,
307.358


 100, 32.008,
307.358


 30, 32.008,
307.358

 60, 32.008,
307.358


 20, 32.008,
307.358

 70, 32.008,
307.358

 10, 32.008,
307.358

 80, 32.008,
307.358

 0, 32.008, 307.358

 90, 32.008,
307.358

 40, 32.008,

 40, 32.008,

307.358

307.358

■ 36, 41.000,
308.038

■ 44, 23.156,
306.712

■ 31, 49.988,
308.718

■ 49, 14.522,
306.115

■ 28, 58.704,
309.345

■ 53, 6.141, 305.571

■ 24, 66.712,
309.828

■ 58, 1.978, 125.131

■ 21, 73.391,
310.047

■ 62, 9.836, 124.682

■ 67, 17.442,
124.308

■ 19, 78.435,
309.975

■ 71, 24.806,
123.982

■ 18, 79.708,
309.995

■ 75, 31.941,
123.699

■ 80, 38.859,

123.456

Harmonies

Complementary

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



40, 32.008, 307.358



54, 29.997, 123.359

Rectangle

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



40, 32.008, 307.358



40, 32.008, 357.358



40, 32.008, 127.358



40, 32.008, 177.358

Sweetspot

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



40, 32.007, 307.358



66, 11.149, 305.767



47, 15.532, 247.046



34, 7.563, 305.830



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



40, 32.007, 307.358



47, 47.870, 307.931



43, 34.765, 322.944



27, 4.667, 305.657



18, 78.285, 310.020



0, 2.137, 305.212

Inverse Universe

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



43, 27.436, 341.311



52, 40.343, 342.168



52, 34.493, 139.011



27, 4.129, 338.886



28, 54.241, 351.323



0, 1.900, 338.262

Previews

White Background



This preview shows how the CIELCh color 40, 32.008, 307.358 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 × Fail

Black Background



This preview shows how the CIELCh color 40, 32.008, 307.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

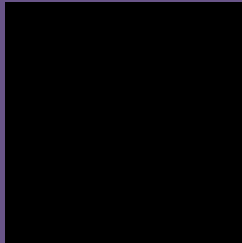
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 32.008, 307.358

Background



This preview shows how black text looks on a background with the CIELCh color 40, 32.008, 307.358.



This preview shows how white text looks on a background with the CIELCh color 40, 32.008, 307.358.

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


40, 32.008, 307.358

Protanopia

40, 30.035, 284.820

Deuteranopia

40, 25.191, 283.949



Tritanopia
40, 5.504, 317.591

Trichromacy



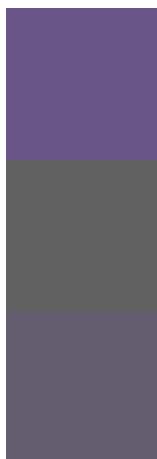
Original Color
40, 32.008, 307.358

Protanomaly
40, 30.482, 292.778

Deuteranomaly
40, 27.464, 293.515

Tritanomaly
40, 15.479, 310.009

Monochromacy



Original Color
40, 32.008, 307.358

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 11.349, 305.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 32.008, 307.358 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, 85, 136)` looks like.

```
.text, #text, p{  
    color:rgb(105, 85, 136)  
}
```

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, 85, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 85, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 32.008, 307.358 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, 85, 136) }
```

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

```
.border{ border-color:rgb(105, 85, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 85, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 85, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 85, 136);  
box-shadow:4px 4px 4px 4px rgb(105, 85,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 32.008, 307.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 85, 136) }
```

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

```
.background{ background-color: rgb(105, 85,  
136) }
```

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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