

Converting Colors

CIELCh(32, 17.617, 357.468)

Have a look what the booklet for
CIELCh(32, 17.617, 357.468)
contains.

CIELCh(32, 17.581, 357.425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(32, 17.581, 357.425)

Conversions

Conversions Part 1

Format	Color
Hex	65414D
RGB	101, 65, 77
RGB Percent	40%, 25%, 30%
CMY	0.6039, 0.7450, 0.6980
CMYK	0.00, 0.36, 0.24, 0.60
HSL	340°, 22%, 33%
HSV	340°, 36%, 40%
XYZ	8.5989, 7.0852, 7.9375
YIQ	77.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

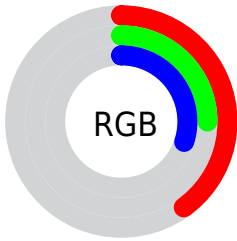
Format	Color
R_{YB}	101, 65, 77
Decimal	6635853
CIE Lab	32.00, 17.56, -0.79
CIE LCh	32, 17.581, 357.425
Yxy	7.0852, 0.3640, 0.2999
Android (android.graphics.Color)	4284825933 (0xFF65414D)
YUV	77.1320, -0.0651, 20.9322
Hunter-Lab	26.6180, 11.0829, 0.9522

Details

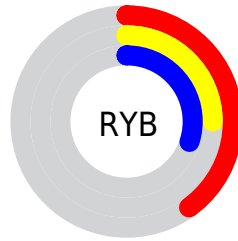
The CIELCh color $[32, 17.581, 357.425]$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $[40, 16.110, 170.345]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[52, 17.899, 356.934]$, and $[12, 17.712, 357.453]$ is the 20% darker color. If you saturate the color by 10%, you get $[29, 22.639, 358.904]$, and if you desaturate by 10%, it is $[35, 12.504, 356.174]$.

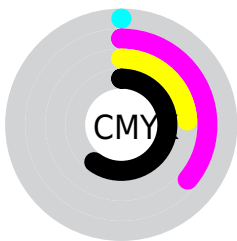
Distribution



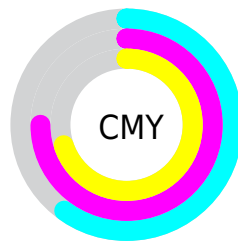
- Red (40%)
- Green (25%)
- Blue (30%)



- Red (40%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (60%)





- Cyan (60%)
- Magenta (75%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 17.581, 357.425 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 32, 17.581, 357.425 by changing the saturation by 10% instead.


 32, 17.581,
357.425


 32, 17.581,
357.425

 100, 17.581,
357.425


 22, 17.581,
357.425

 52, 17.581,
357.425


 12, 17.581,
357.425


 62, 17.581,
357.425

 2, 17.581, 357.425

 72, 17.581,
357.425

 0, 17.581, 357.425

 82, 17.581,
357.425

 92, 17.581,
357.425

■ 32, 17.581,
357.425

■ 32, 17.581,
357.425

■ 29, 22.639,
358.904

■ 35, 12.504,
356.174

■ 27, 27.540, 0.679

■ 38, 7.512, 355.084

■ 24, 32.095, 2.855

■ 41, 2.662, 354.073

■ 23, 36.092, 5.563

■ 44, 2.014, 173.485

■ 21, 39.356, 8.947

■ 47, 6.504, 172.638

■ 20, 42.014, 12.922

■ 51, 10.808,
171.942

■ 20, 43.271, 14.553

■ 54, 14.932,
171.315

■ 57, 18.887,
170.743

■ 60, 22.686,

Harmonies

Complementary

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



32, 17.581, 357.425



40, 16.110, 170.345

Rectangle

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



32, 17.581, 357.425



32, 17.581, 47.425



32, 17.581, 177.425



32, 17.581, 227.425

Sweetspot

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



32, 17.579, 357.427



50, 6.456, 354.647



31, 24.742, 316.104



25, 4.379, 354.738



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



32, 17.579, 357.427



39, 26.244, 358.676



33, 14.776, 36.066



19, 2.688, 354.410



23, 47.485, 15.446



51, 83.518, 19.105

Inverse Universe

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



32, 17.579, 357.427



39, 26.244, 358.676



38, 11.635, 216.713



19, 2.688, 354.410



23, 47.485, 15.446



51, 83.518, 19.105

Previews

White Background



This preview shows how the CIELCh color 32, 17.581, 357.425 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 32, 17.581, 357.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

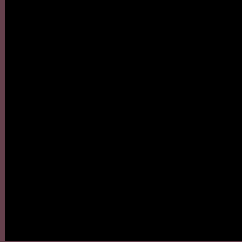
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 17.581, 357.425

Background



This preview shows how black text looks on a background with the CIELCh color 32, 17.581, 357.425.



This preview shows how white text looks on a background with the CIELCh color 32, 17.581, 357.425.

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

32, 17.581, 357.425

Protanopia

32, 5.070, 291.084

Deuteranopia

32, 4.806, 356.964



Tritanopia
32, 15.820, 10.880

Trichromacy



Original Color
32, 17.581, 357.425

Protanomaly
32, 8.487, 332.519

Deuteranomaly
32, 9.653, 358.042

Tritanomaly
32, 15.959, 6.416

Monochromacy



Original Color
32, 17.581, 357.425

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 6.268, 356.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 17.581, 357.425 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, 65, 77)` looks like.

```
.text, #text, p{  
    color:rgb(101, 65, 77)  
}
```

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, 65, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 65, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 17.581, 357.425 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, 65, 77) }
```

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

```
.border{ border-color:rgb(101, 65, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 65, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 65, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 65, 77);  
box-shadow:4px 4px 4px 4px rgb(101, 65,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 17.581, 357.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 65, 77) }
```

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

```
.background{ background-color: rgb(101, 65,  
77) }
```

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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