

Converting Colors

CIELCh(30, 32.577, 325.707)

Have a look what the booklet for
CIELCh(30, 32.577, 325.707)
contains.

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Color

CIELCh(30, 32.755, 325.361)

Conversions

Conversions Part 1

Format	Color
Hex	623764
RGB	98, 55, 100
RGB Percent	38%, 22%, 39%
CMY	0.6160, 0.7846, 0.6082
CMYK	0.02, 0.45, 0.00, 0.61
HSL	297°, 29%, 30%
HSV	297°, 45%, 39%
XYZ	8.6872, 6.2359, 12.7819
YIQ	72.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

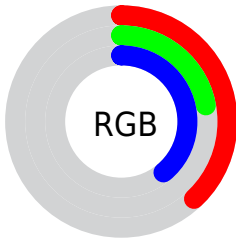
Format	Color
R_{YB}	98, 55, 100
Decimal	6436708
CIE _{Lab}	30.00, 26.95, -18.62
CIE _{LCh}	30, 32.755, 325.361
Yxy	6.2359, 0.3136, 0.2251
Android (android.graphics.Color)	4284626788 (0xFF623764)
YUV	72.9870, 13.3174, 21.9364
Hunter-Lab	24.9718, 18.3958, -12.8676

Details

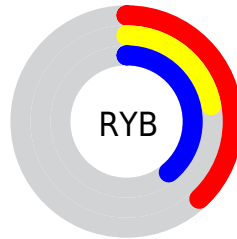
The CIELCh color $[30, 32.755, 325.361]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[38, 32.719, 140.229]$, and the grayscale version is $[31, 0.005, 296.813]$.

A 20% lighter version of the original color is $[50, 32.944, 325.519]$, and $[10, 32.844, 325.568]$ is the 20% darker color. If you saturate the color by 10%, you get $[28, 39.379, 325.755]$, and if you desaturate by 10%, it is $[32, 25.691, 324.921]$.

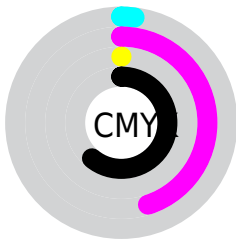
Distribution



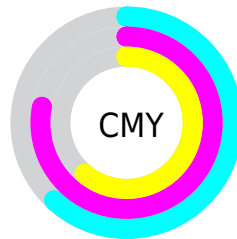
- Red (38%)
- Green (22%)
- Blue (39%)



- Red (38%)
- Yellow (22%)
- Blue (39%)



- Cyan (2%)
- Magenta (45%)
- Yellow (0%)
- Black (61%)





- Cyan (62%)
- Magenta (78%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 32.755, 325.361 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, 32.755, 325.361 by changing the saturation by 10% instead.


 30, 32.755,
325.361


 30, 32.755,
325.361

 100, 32.755,
325.361


 20, 32.755,
325.361


 50, 32.755,
325.361


 10, 32.755,
325.361

 60, 32.755,
325.361

 0, 32.755, 325.361

 70, 32.755,
325.361

 80, 32.755,
325.361

 90, 32.755,
325.361

■ 30, 32.755,
325.361

■ 30, 32.755,
325.361

■ 28, 39.379,
325.755

■ 32, 25.691,
324.921

■ 26, 45.327,
326.086

■ 35, 18.394,
324.452

■ 24, 50.338,
326.335

■ 38, 11.015,
323.964

■ 23, 54.184,
326.488

■ 41, 3.665, 323.452

■ 22, 56.917,
326.552

■ 44, 3.580, 143.057

■ 21, 58.246,
326.584

■ 47, 10.672,
142.563

■ 50, 17.585,
142.110

■ 53, 24.304,
141.681

■ 56, 30.824,
141.277

Harmonies

Complementary

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



30, 32.755, 325.361



38, 32.719, 140.229

Rectangle

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



30, 32.755, 325.361



30, 32.755, 15.361



30, 32.755, 145.361



30, 32.755, 195.361

Sweetspot

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



30, 32.754, 325.361



49, 12.739, 323.934



26, 28.002, 294.046



25, 8.870, 324.012



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



30, 32.754, 325.361



37, 47.933, 325.775



29, 24.577, 345.022



20, 4.171, 323.660



25, 64.239, 326.558



56, 111.422, 326.457

Inverse Universe

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



29, 21.630, 20.373



35, 33.033, 22.369



39, 23.700, 156.949



19, 2.445, 16.235



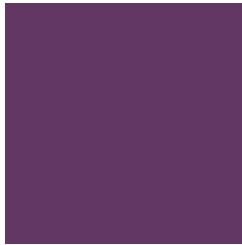
22, 54.772, 35.588



51, 98.865, 38.722

Previews

White Background



This preview shows how the CIELCh color 30, 32.755, 325.361 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, 32.755, 325.361 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, 32.755, 325.361

Background



This preview shows how black text looks on a background with the CIELCh color 30, 32.755, 325.361.



This preview shows how white text looks on a background with the CIELCh color 30, 32.755, 325.361.

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, 32.755, 325.361

Protanopia

30, 27.025, 284.658

Deuteranopia

30, 17.382, 284.789



Tritanopia
30, 15.058, 10.147

Trichromacy



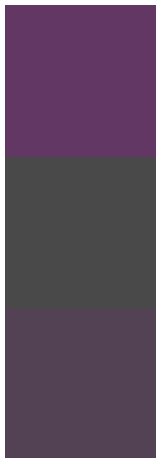
Original Color
30, 32.755, 325.361

Protanomaly
30, 27.700, 299.386

Deuteranomaly
30, 21.668, 305.069

Tritanomaly
30, 19.981, 343.931

Monochromacy



Original Color
30, 32.755, 325.361

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 12.847, 323.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 32.755, 325.361 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(98, 55, 100)` looks like.

```
.text, #text, p{  
    color:rgb(98, 55, 100)  
}
```

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(98, 55, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 55, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 32.755, 325.361 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(98, 55, 100) }
```

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

```
.border{ border-color:rgb(98, 55, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 55, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 55, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 55, 100);  
box-shadow:4px 4px 4px 4px rgb(98, 55,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 32.755, 325.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 55, 100) }
```

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

```
.background{ background-color: rgb(98, 55,  
100) }
```

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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