

Converting Colors

CIELCh(10, 37.810, 324.164)

Have a look what the booklet for
CIELCh(10, 37.810, 324.164)
contains.

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Color

CIELCh(10, 37.659, 324.250)

Conversions

Conversions Part 1

Format	Color
Hex	34053A
RGB	52, 5, 58
RGB Percent	20%, 2%, 23%
CMY	0.7974, 0.9815, 0.7738
CMYK	0.10, 0.92, 0.00, 0.77
HSL	293°, 85%, 12%
HSV	293°, 92%, 23%
XYZ	2.2064, 1.1260, 4.0624
YIQ	25.0950, 10.9990, 26.4470

Conversions

Conversions Part 2

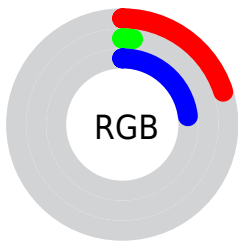
Format	Color
R_{YB}	52, 5, 58
Decimal	3409210
CIE Lab	10.00, 30.56, -22.00
CIE LCh	10, 37.659, 324.250
Yxy	1.1260, 0.2984, 0.1523
Android (android.graphics.Color)	4281599290 (0xFF34053A)
YUV	25.0950, 16.2222, 23.5957
Hunter-Lab	10.6114, 18.5446, -15.2701

Details

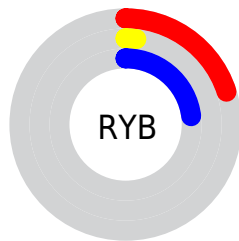
The CIELCh color **10, 37.659, 324.250** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20, 37.389, 136.168**, and the grayscale version is **9, 0.002, 296.813**.

A 20% lighter version of the original color is **30, 37.546, 324.069**, and **0, 4.885, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **9, 40.394, 324.423**, and if you desaturate by 10%, it is **11, 34.639, 324.111**.

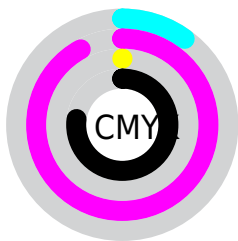
Distribution



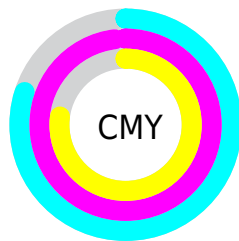
- Red (20%)
- Green (2%)
- Blue (23%)



- Red (20%)
- Yellow (2%)
- Blue (23%)



- Cyan (10%)
- Magenta (92%)
- Yellow (0%)
- Black (77%)





- Cyan (80%)
- Magenta (98%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 10, 37.659, 324.250 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 10, 37.659, 324.250 by changing the saturation by 10% instead.


 10, 37.659,
324.250


 10, 37.659,
324.250


 100, 37.659,
324.250


 0, 37.659, 324.250

 30, 37.659,
324.250

 40, 37.659,
324.250


 50, 37.659,
324.250


 60, 37.659,
324.250


 70, 37.659,
324.250

 80, 37.659,


324.250


 90, 37.659,
324.250

 10, 37.659,
324.250


 10, 37.659,
324.250


 9, 40.394, 324.423

 11, 34.639,
324.111

 12, 31.395,
323.947

 14, 27.627,
323.698

 15, 23.480,
323.383

 17, 19.085,
323.022

■ 18, 14.548,
322.630

■ 20, 9.956, 322.221

■ 22, 5.368, 321.800

■ 24, 0.828, 321.292

Harmonies

Complementary

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



10, 37.659, 324.250



20, 37.389, 136.168

Rectangle

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



10, 37.659, 324.250



10, 37.659, 14.250



10, 37.659, 144.250



10, 37.659, 194.250

Sweetspot

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



10, 37.658, 324.250



25, 15.744, 322.526



5, 34.097, 297.838



11, 10.976, 322.594



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



10, 37.658, 324.250



13, 47.589, 324.256



10, 29.372, 346.403



9, 2.449, 321.646



18, 55.187, 324.133



48, 103.973, 323.801

Inverse Universe

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



9, 27.711, 20.934



12, 36.785, 25.923



20, 29.844, 148.389



9, 1.475, 10.555



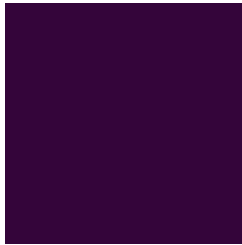
17, 44.124, 29.832



46, 88.305, 35.662

Previews

White Background



This preview shows how the CIELCh color 10, 37.659, 324.250 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



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 10, 37.659, 324.250

Background



This preview shows how black text looks on a background with the CIELCh color 10, 37.659, 324.250.



This preview shows how white text looks on a background with the CIELCh color 10, 37.659, 324.250.

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

10, 37.659, 324.250

Protanopia

11, 24.534, 279.961

Deuteranopia

11, 17.577, 272.940



Tritanopia
11, 13.620, 20.862

Trichromacy



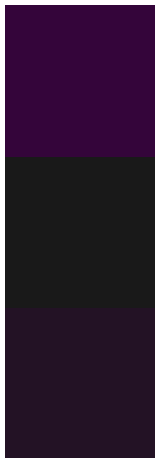
Original Color
10, 37.659, 324.250

Protanomaly
9, 29.514, 297.899

Deuteranomaly
9, 25.231, 300.888

Tritanomaly
10, 20.480, 343.626

Monochromacy



Original Color
10, 37.659, 324.250

Achromatopsia
9, 0.002, 296.813

Achromatomaly
8, 16.074, 323.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 10, 37.659, 324.250 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(52, 5, 58)` looks like.

```
.text, #text, p{  
    color:rgb(52, 5, 58)  
}
```

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(52, 5, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 5, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 10, 37.659, 324.250 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(52, 5, 58) }
```

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

```
.border{ border-color:rgb(52, 5, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 5, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 5, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 5, 58); box-shadow:4px  
4px 4px 4px rgb(52, 5, 58) }
```

Background

The CSS property to change the background color of an element to CIELCh 10, 37.659, 324.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 5, 58) }
```

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

```
.background{ background-color: rgb(52, 5,  
58) }
```

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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