

Converting Colors

CIELCh(36, 22.973, 215.775)

Have a look what the booklet for
CIELCh(36, 22.973, 215.775)
contains.

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Color

CIELCh(36, 23.054, 215.937)

Conversions

Conversions Part 1

Format	Color
Hex	025E6A
RGB	2, 94, 106
RGB Percent	1%, 37%, 42%
CMY	0.9906, 0.6324, 0.5854
CMYK	0.98, 0.11, 0.00, 0.59
HSL	187°, 96%, 21%
HSV	187°, 98%, 41%
XYZ	6.5961, 9.0082, 14.9529
YIQ	67.8600, -58.6840, -15.7720

Conversions

Conversions Part 2

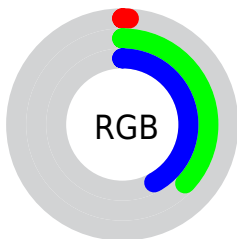
Format	Color
R_{YB}	2, 51, 106
Decimal	155242
CIE _{Lab}	36.00, -18.67, -13.53
CIE _{LCh}	36, 23.054, 215.937
Yxy	9.0082, 0.2159, 0.2948
Android (android.graphics.Color)	4278345322 (0xFF025E6A)
YUV	67.8600, 18.8030, -57.7592
Hunter-Lab	30.0136, -13.2949, -8.5290

Details

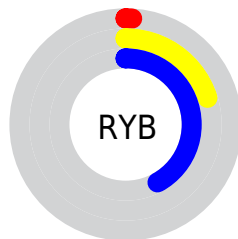
The CIELCh color **36, 23.054, 215.937** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 49.589, 39.207**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 23.182, 214.874**, and **17, 15.359, 230.493** is the 20% darker color. If you saturate the color by 10%, you get **36, 23.191, 216.276**, and if you desaturate by 10%, it is **37, 22.448, 214.391**.

Distribution



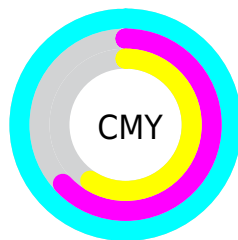
- Red (1%)
- Green (37%)
- Blue (42%)



- Red (1%)
- Yellow (20%)
- Blue (42%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (59%)





- Cyan (99%)
- Magenta (63%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 23.054, 215.937 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 36, 23.054, 215.937 by changing the saturation by 10% instead.


 36, 23.054,
215.937


 36, 23.054,
215.937

 100, 23.054,
215.937


 26, 23.054,
215.937

 56, 23.054,
215.937


 16, 23.054,
215.937


 66, 23.054,
215.937

 6, 23.054, 215.937

 76, 23.054,
215.937

 0, 23.054, 215.937

 86, 23.054,
215.937

 96, 23.054,
215.937

■ 36, 23.054,
215.937

■ 36, 23.054,
215.937

■ 36, 23.191,
216.276

■ 37, 22.448,
214.391

■ 37, 21.514,
213.068

■ 38, 20.103,
212.049

■ 39, 18.214,
211.294

■ 39, 15.874,
210.763

■ 40, 13.125,
210.420

■ 41, 10.020,
210.234

■ 43, 6.615, 210.184

Harmonies

Complementary

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



36, 23.054, 215.937



21, 49.589, 39.207

Rectangle

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



36, 23.054, 215.937



36, 23.054, 265.937



36, 23.054, 35.937



36, 23.054, 85.937

Sweetspot

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



36, 23.053, 215.936



53, 12.916, 210.261



38, 59.785, 137.686



26, 8.695, 210.312



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



36, 23.053, 215.936



47, 27.970, 216.909



19, 42.221, 289.477



22, 2.167, 210.256



40, 24.947, 216.541



80, 42.760, 217.897

Inverse Universe

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



23, 54.996, 333.061



31, 66.873, 333.328



31, 42.286, 71.558



21, 4.069, 328.229



26, 59.661, 333.238



56, 102.140, 333.572

Previews

White Background



This preview shows how the CIELCh color 36, 23.054, 215.937 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 36, 23.054, 215.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

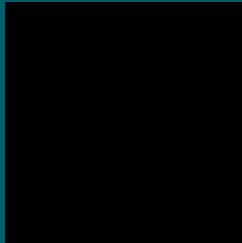
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 23.054, 215.937

Background



This preview shows how black text looks on a background with the CIELCh color 36, 23.054, 215.937.

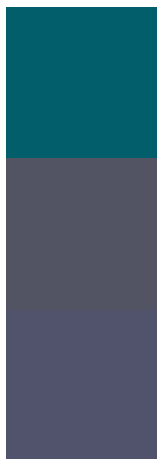


This preview shows how white text looks on a background with the CIELCh color 36, 23.054, 215.937.

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

36, 23.128, 215.866

Protanopia

36, 9.337, 286.838

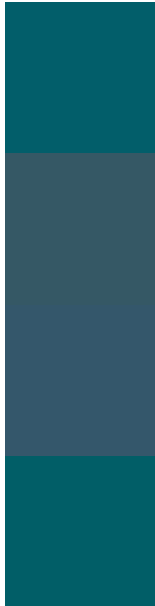
Deuteranopia

36, 15.542, 289.913



Tritanopia
36, 23.301, 209.141

Trichromacy



Original Color
36, 23.128, 215.866

Protanomaly
35, 14.399, 232.601

Deuteranomaly
35, 16.715, 247.050

Tritanomaly
36, 23.191, 210.840

Monochromacy



Original Color
36, 23.128, 215.866

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 12.520, 212.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 23.054, 215.937 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(2, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(2, 94, 106)  
}
```

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(2, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 94, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 23.054, 215.937 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(2, 94, 106) }
```

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

```
.border{ border-color:rgb(2, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(2, 94, 106)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 23.054, 215.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 94, 106) }
```

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

```
.background{ background-color: rgb(2, 94,  
106) }
```

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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