

Converting Colors

CIELCh(36, 23.595, 233.164)

Have a look what the booklet for
CIELCh(36, 23.595, 233.164)
contains.

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Color

CIELCh(36, 23.516, 233.344)

Conversions

Conversions Part 1

Format	Color
Hex	0B5C72
RGB	11, 92, 114
RGB Percent	4%, 36%, 45%
CMY	0.9572, 0.6378, 0.5515
CMYK	0.90, 0.19, 0.00, 0.55
HSL	193°, 83%, 25%
HSV	193°, 90%, 45%
XYZ	7.0518, 9.0082, 17.3942
YIQ	70.2890, -55.3380, -10.3300

Conversions

Conversions Part 2

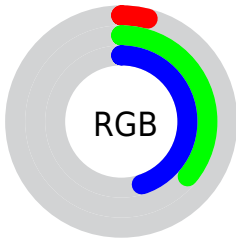
Format	Color
RYB	11, 56, 114
Decimal	744562
CIELab	36.00, -14.04, -18.87
CIELCh	36, 23.516, 233.344
Yxy	9.0082, 0.2108, 0.2693
Android (android.graphics.Color)	4278934642 (0xFF0B5C72)
YUV	70.2890, 21.5495, -51.9965
Hunter-Lab	30.0136, -10.5848, -13.3517

Details

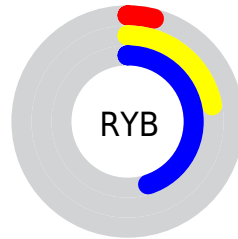
The CIELCh color **36, 23.516, 233.344** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 47.821, 43.414**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 23.544, 233.995**, and **17, 17.745, 250.094** is the 20% darker color. If you saturate the color by 10%, you get **35, 24.360, 236.422**, and if you desaturate by 10%, it is **37, 22.456, 230.366**.

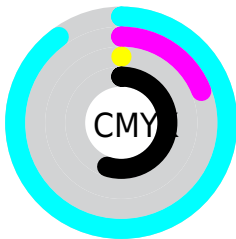
Distribution



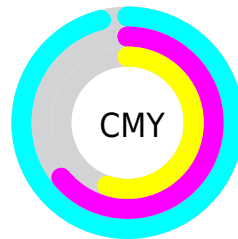
- Red (4%)
- Green (36%)
- Blue (45%)



- Red (4%)
- Yellow (22%)
- Blue (45%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (64%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 23.516, 233.344 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, 23.516, 233.344 by changing the saturation by 10% instead.


 36, 23.516,
233.344

 36, 23.516,
233.344

 100, 23.516,
233.344


 26, 23.516,
233.344

 56, 23.516,
233.344

 16, 23.516,
233.344


 66, 23.516,
233.344

 6, 23.516, 233.344

 76, 23.516,
233.344

 0, 23.516, 233.344

 86, 23.516,
233.344

 96, 23.516,
233.344

■ 36, 23.516,
233.344

■ 36, 23.516,
233.344

■ 35, 24.360,
236.422

■ 37, 22.456,
230.366

■ 38, 20.986,
227.950

■ 39, 19.081,
226.026

■ 41, 16.750,
224.521

■ 42, 14.027,
223.362

■ 43, 10.957,
222.486

■ 45, 7.593, 221.843

■ 46, 3.984, 221.407

Harmonies

Complementary

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



36, 23.516, 233.344



26, 47.821, 43.414

Rectangle

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



36, 23.516, 233.344



36, 23.516, 283.344



36, 23.516, 53.344



36, 23.516, 103.344

Sweetspot

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



36, 23.515, 233.344



56, 12.103, 222.286



42, 57.748, 140.622



28, 8.036, 222.467



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



36, 23.515, 233.344



45, 29.419, 237.548



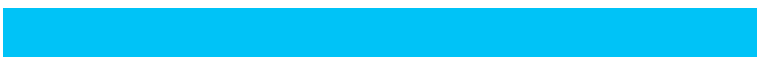
20, 48.805, 293.931



23, 2.116, 221.363



37, 25.205, 236.645



73, 43.366, 239.181

Inverse Universe

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



26, 52.998, 337.469



33, 65.488, 338.716



38, 43.061, 81.557



22, 3.952, 331.481



26, 56.416, 338.459



56, 95.526, 339.188

Previews

White Background



This preview shows how the CIELCh color 36, 23.516, 233.344 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, 23.516, 233.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

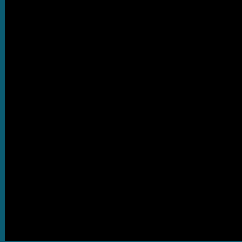
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

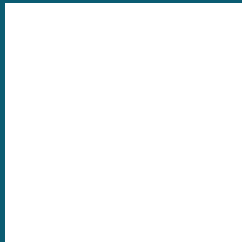
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 23.516, 233.344

Background



This preview shows how black text looks on a background with the CIELCh color 36, 23.516, 233.344.

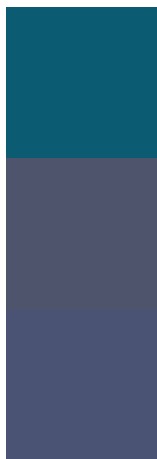


This preview shows how white text looks on a background with the CIELCh color 36, 23.516, 233.344.

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, 23.456, 233.456

Protanopia

36, 15.008, 283.996

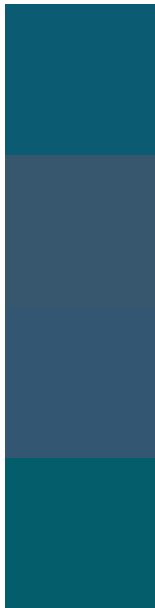
Deuteranopia

36, 20.647, 284.640



Tritanopia
36, 23.350, 207.503

Trichromacy



Original Color
36, 23.456, 233.456

Protanomaly
35, 17.620, 253.458

Deuteranomaly
35, 20.704, 260.237

Tritanomaly
36, 22.852, 217.876

Monochromacy



Original Color
36, 23.456, 233.456

Achromatopsia
30, 0.005, 296.813

Achromatomaly
32, 12.008, 223.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 23.516, 233.344 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(11, 92, 114)` looks like.

```
.text, #text, p{  
    color:rgb(11, 92, 114)  
}
```

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(11, 92, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 92, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 23.516, 233.344 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(11, 92, 114) }
```

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

```
.border{ border-color:rgb(11, 92, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 92, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 92, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 92, 114);  
box-shadow:4px 4px 4px 4px rgb(11, 92,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 23.516, 233.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 92, 114) }
```

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

```
.background{ background-color: rgb(11, 92,  
114) }
```

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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