

Converting Colors

CIELCh(36, 10.290, 223.488)

Have a look what the booklet for
CIELCh(36, 10.290, 223.488)
contains.

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Color

CIELCh(36, 10.282, 223.463)

Conversions

Conversions Part 1

Format	Color
Hex	405960
RGB	64, 89, 96
RGB Percent	25%, 35%, 38%
CMY	0.7503, 0.6523, 0.6248
CMYK	0.33, 0.07, 0.00, 0.62
HSL	193°, 20%, 31%
HSV	193°, 33%, 38%
XYZ	7.7349, 9.0082, 12.3176
YIQ	82.3230, -17.1470, -3.1230

Conversions

Conversions Part 2

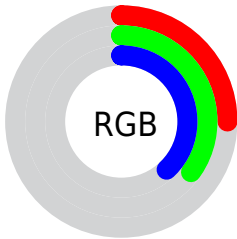
Format	Color
RYB	64, 78, 96
Decimal	4217184
CIELab	36.00, -7.46, -7.07
CIELCh	36, 10.282, 223.463
Yxy	9.0082, 0.2662, 0.3100
Android (android.graphics.Color)	4282407264 (0xFF405960)
YUV	82.3230, 6.7428, -16.0693
Hunter-Lab	30.0136, -6.5219, -3.3232

Details

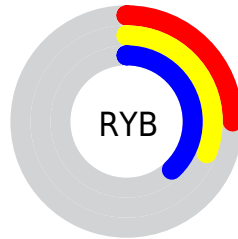
The CIELCh color **36, 10.282, 223.463** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 12.719, 41.117**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 10.170, 221.910**, and **16, 10.458, 221.492** is the 20% darker color. If you saturate the color by 10%, you get **35, 12.870, 224.412**, and if you desaturate by 10%, it is **37, 7.437, 222.743**.

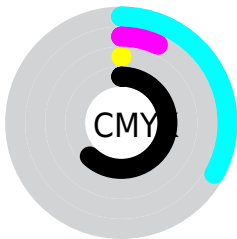
Distribution



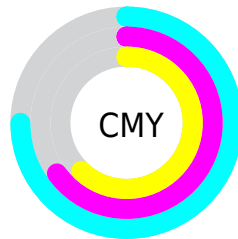
- Red (25%)
- Green (35%)
- Blue (38%)



- Red (25%)
- Yellow (31%)
- Blue (38%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (62%)





- Cyan (75%)
- Magenta (65%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 10.282, 223.463 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, 10.282, 223.463 by changing the saturation by 10% instead.


 36, 10.282,
223.463


 36, 10.282,
223.463

 100, 10.282,
223.463


 26, 10.282,
223.463

 56, 10.282,
223.463


 16, 10.282,
223.463


 66, 10.282,
223.463

 6, 10.282, 223.463

 76, 10.282,
223.463

 0, 10.282, 223.463

 86, 10.282,
223.463

 96, 10.282,
223.463

■ 36, 10.282,
223.463

■ 36, 10.282,
223.463

■ 35, 12.870,
224.412

■ 37, 7.437, 222.743

■ 39, 4.379, 222.232

■ 34, 15.160,
225.655

■ 40, 1.146, 222.042

■ 32, 17.116,
227.249

■ 42, 2.225, 41.350

■ 31, 18.715,
229.266

■ 43, 5.702, 41.254

■ 45, 9.258, 41.165

■ 30, 19.953,
231.775

■ 46, 12.872, 41.121

■ 30, 20.885,
234.773

■ 48, 16.525, 41.116

■ 49, 20.203, 41.144

■ 29, 21.494,
236.696

Harmonies

Complementary

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



36, 10.282, 223.463



32, 12.719, 41.117

Rectangle

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



36, 10.282, 223.463



36, 10.282, 273.463



36, 10.282, 43.463



36, 10.282, 93.463

Sweetspot

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



36, 10.282, 223.459



51, 4.090, 222.116



38, 20.559, 148.710



26, 2.806, 222.149



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 10.282, 223.459



46, 14.893, 224.179



31, 14.872, 279.624



19, 1.867, 222.072



34, 24.104, 237.552



71, 42.525, 240.388

Inverse Universe

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



31, 20.636, 333.232



39, 30.602, 333.751



37, 14.701, 91.026



18, 3.478, 331.676



24, 53.656, 338.717



54, 92.902, 339.543

Previews

White Background



This preview shows how the CIELCh color 36, 10.282, 223.463 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, 10.282, 223.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

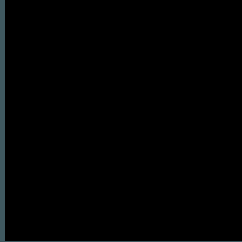
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 10.282, 223.463

Background



This preview shows how black text looks on a background with the CIELCh color 36, 10.282, 223.463.



This preview shows how white text looks on a background with the CIELCh color 36, 10.282, 223.463.

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, 10.282, 223.463

Protanopia

36, 5.594, 291.103

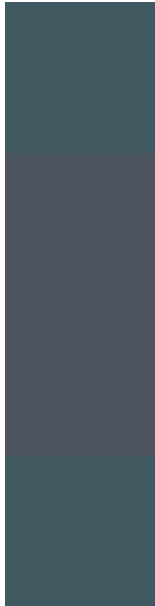
Deuteranopia

36, 9.591, 303.879



Tritanopia
36, 10.282, 223.463

Trichromacy



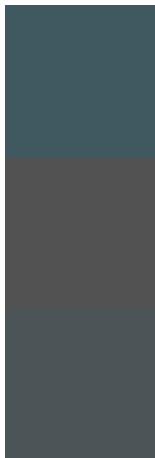
Original Color
36, 10.282, 223.463

Protanomaly
36, 6.055, 254.467

Deuteranomaly
36, 8.276, 277.653

Tritanomaly
36, 10.282, 223.463

Monochromacy



Original Color
36, 10.282, 223.463

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 4.108, 226.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 10.282, 223.463 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(64, 89, 96)` looks like.

```
.text, #text, p{  
    color:rgb(64, 89, 96)  
}
```

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(64, 89, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 89, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 10.282, 223.463 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(64, 89, 96) }
```

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

```
.border{ border-color:rgb(64, 89, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 89, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 89, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 89, 96);  
box-shadow:4px 4px 4px 4px rgb(64, 89, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 10.282, 223.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 89, 96) }
```

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

```
.background{ background-color: rgb(64, 89,  
96) }
```

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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