

Converting Colors

CIELCh(36, 10.464, 239.260)

Have a look what the booklet for
CIELCh(36, 10.464, 239.260)
contains.

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Color

CIELCh(36, 10.522, 239.307)

Conversions

Conversions Part 1

Format	Color
Hex	425863
RGB	66, 88, 99
RGB Percent	26%, 35%, 39%
CMY	0.7417, 0.6554, 0.6123
CMYK	0.33, 0.11, 0.00, 0.61
HSL	200°, 20%, 32%
HSV	200°, 33%, 39%
XYZ	7.9611, 9.0082, 13.0877
YIQ	82.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

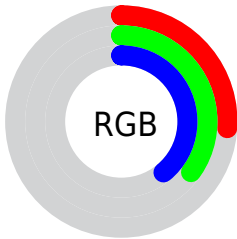
Format	Color
RYB	66, 79, 99
Decimal	4348003
CIELab	36.00, -5.37, -9.05
CIELCh	36, 10.522, 239.307
Yxy	9.0082, 0.2649, 0.2997
Android (android.graphics.Color)	4282538083 (0xFF425863)
YUV	82.6760, 8.0477, -14.6249
Hunter-Lab	30.0136, -5.1766, -4.8444

Details

The CIELCh color **36, 10.522, 239.307** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 12.534, 53.371**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 10.604, 239.366**, and **16, 10.753, 239.077** is the 20% darker color. If you saturate the color by 10%, you get **34, 13.310, 240.954**, and if you desaturate by 10%, it is **38, 7.542, 237.968**.

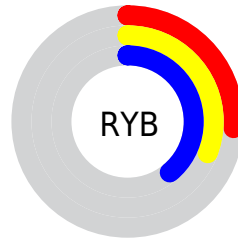
Distribution



Red (26%)

Green (35%)

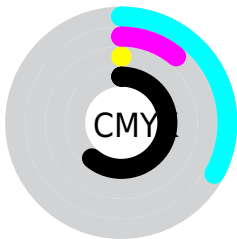
Blue (39%)



Red (26%)

Yellow (31%)

Blue (39%)

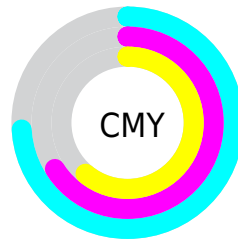


Cyan (33%)

Magenta (11%)

Yellow (0%)

Black (61%)



Cyan (74%)


Magenta (66%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 10.522, 239.307 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, 10.522, 239.307 by changing the saturation by 10% instead.


 36, 10.522,
239.307


 36, 10.522,
239.307

 100, 10.522,
239.307


 26, 10.522,
239.307

 56, 10.522,
239.307


 16, 10.522,
239.307


 66, 10.522,
239.307

 6, 10.522, 239.307

 76, 10.522,
239.307

 0, 10.522, 239.307

 86, 10.522,
239.307

 96, 10.522,
239.307

■ 36, 10.522,
239.307

■ 36, 10.522,
239.307

■ 34, 13.310,
240.954

■ 38, 7.542, 237.968

■ 33, 15.879,
242.985

■ 39, 4.402, 236.903

■ 41, 1.131, 236.205

■ 31, 18.209,
245.467

■ 43, 2.243, 55.092

■ 30, 20.294,
248.469

■ 45, 5.696, 54.577

■ 47, 9.207, 54.109

■ 28, 22.151,
252.041

■ 49, 12.759, 53.716

■ 27, 23.846,
256.124

■ 51, 16.337, 53.387

■ 53, 19.930, 53.112

■ 26, 25.010,
258.686

Harmonies

Complementary

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



36, 10.522, 239.307



35, 12.534, 53.371

Rectangle

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



36, 10.522, 239.307



36, 10.522, 289.307



36, 10.522, 59.307



36, 10.522, 109.307

Sweetspot

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



36, 10.522, 239.303



51, 4.080, 236.628



39, 19.545, 152.393



25, 2.755, 236.709



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, 10.522, 239.303



45, 15.227, 240.556



31, 17.235, 285.782



19, 1.830, 236.511



30, 27.567, 259.528



63, 49.930, 262.987

Inverse Universe

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



32, 19.568, 338.024



39, 28.803, 338.665



39, 16.544, 97.796



18, 3.204, 336.203



24, 49.804, 346.289



53, 86.042, 347.840

Previews

White Background



This preview shows how the CIE LCh color 36, 10.522, 239.307 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, 10.522, 239.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

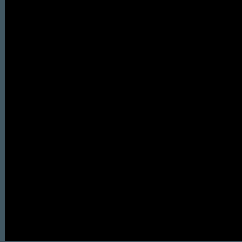
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 10.522, 239.307

Background



This preview shows how black text looks on a background with the CIELCh color 36, 10.522, 239.307.



This preview shows how white text looks on a background with the CIELCh color 36, 10.522, 239.307.

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

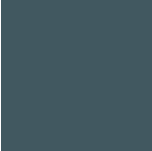
36, 10.522, 239.307

Protanopia

36, 7.485, 285.243

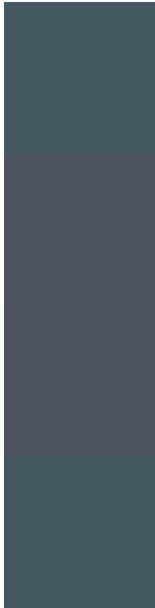
Deuteranopia

36, 11.299, 298.057



Tritanopia
36, 9.904, 228.741

Trichromacy



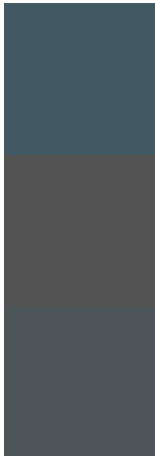
Original Color
36, 10.522, 239.307

Protanomaly
36, 8.161, 265.706

Deuteranomaly
36, 10.158, 278.514

Tritanomaly
36, 10.168, 232.032

Monochromacy



Original Color
36, 10.522, 239.307

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 4.069, 236.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 10.522, 239.307 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(66, 88, 99)` looks like.

```
.text, #text, p{  
    color:rgb(66, 88, 99)  
}
```

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(66, 88, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 88, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 10.522, 239.307 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(66, 88, 99) }
```

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

```
.border{ border-color:rgb(66, 88, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 88, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 88, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 88, 99);  
box-shadow:4px 4px 4px 4px rgb(66, 88, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 10.522, 239.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 88, 99) }
```

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

```
.background{ background-color: rgb(66, 88,  
99) }
```

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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