

Converting Colors

CIELCh(36, 21.346, 224.463)

Have a look what the booklet for
CIELCh(36, 21.346, 224.463)
contains.

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Color

CIELCh(36, 21.346, 223.374)

Conversions

Conversions Part 1

Format	Color
Hex	165D6C
RGB	22, 93, 108
RGB Percent	9%, 36%, 42%
CMY	0.9122, 0.6368, 0.5781
CMYK	0.79, 0.14, 0.00, 0.58
HSL	191°, 66%, 25%
HSV	191°, 79%, 42%
XYZ	6.9041, 9.0082, 15.4492
YIQ	73.4810, -47.1310, -10.3870

Conversions

Conversions Part 2

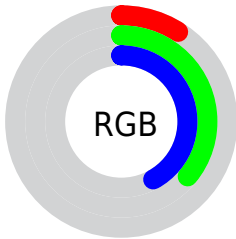
Format	Color
R_{YB}	22, 61, 108
Decimal	1465708
CIE _{Lab}	36.00, -15.52, -14.66
CIE _{LCh}	36, 21.346, 223.374
Yxy	9.0082, 0.2201, 0.2872
Android (android.graphics.Color)	4279655788 (0xFF165D6C)
YUV	73.4810, 17.0179, -45.1488
Hunter-Lab	30.0136, -11.4630, -9.5095

Details

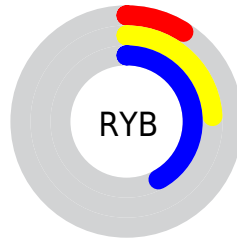
The CIELCh color **36, 21.346, 223.374** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25, 39.915, 40.380**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 21.359, 223.410**, and **17, 15.824, 235.734** is the 20% darker color. If you saturate the color by 10%, you get **35, 22.296, 225.681**, and if you desaturate by 10%, it is **37, 19.958, 221.532**.

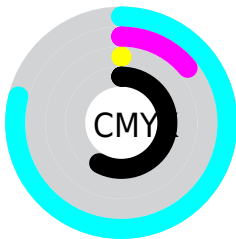
Distribution



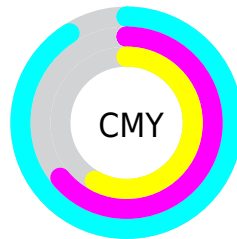
- Red (9%)
- Green (36%)
- Blue (42%)



- Red (9%)
- Yellow (24%)
- Blue (42%)



- Cyan (79%)
- Magenta (14%)
- Yellow (0%)
- Black (58%)





- Cyan (91%)
- Magenta (64%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 21.346, 223.374 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, 21.346, 223.374 by changing the saturation by 10% instead.


 36, 21.346,
223.374


 36, 21.346,
223.374

 100, 21.346,
223.374


 26, 21.346,
223.374

 56, 21.346,
223.374


 16, 21.346,
223.374


 66, 21.346,
223.374

 6, 21.346, 223.374

 76, 21.346,
223.374

 0, 21.346, 223.374

 86, 21.346,
223.374

 96, 21.346,
223.374

■ 36, 21.346,
223.374

■ 36, 21.346,
223.374

■ 35, 22.296,
225.681

■ 37, 19.958,
221.532

■ 34, 23.012,
228.251

■ 38, 18.124,
220.093

■ 34, 23.073,
228.451

■ 39, 15.862,
218.993

■ 40, 13.209,
218.173

■ 41, 10.215,
217.584

■ 43, 6.931, 217.185

■ 44, 3.408, 216.968

■ 46, 0.304, 35.565

Harmonies

Complementary

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



36, 21.346, 223.374



25, 39.915, 40.380

Rectangle

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



36, 21.346, 223.374



36, 21.346, 273.374



36, 21.346, 43.374



36, 21.346, 93.374

Sweetspot

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



36, 21.345, 223.373



54, 10.595, 217.381



39, 51.407, 141.508



27, 7.271, 217.499



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



36, 21.345, 223.373



45, 27.580, 228.008



22, 38.056, 287.887



22, 2.076, 216.966



37, 24.537, 228.803



75, 42.284, 230.980

Inverse Universe

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



25, 49.016, 334.676



32, 64.038, 336.088



36, 36.759, 80.711



21, 3.901, 330.184



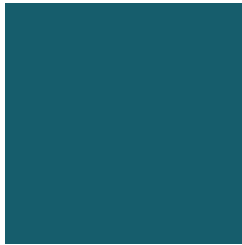
26, 57.071, 336.331



56, 97.468, 336.906

Previews

White Background



This preview shows how the CIELCh color 36, 21.346, 223.374 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, 21.346, 223.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

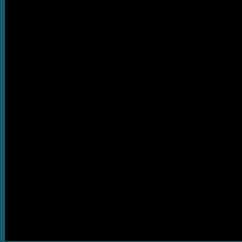
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

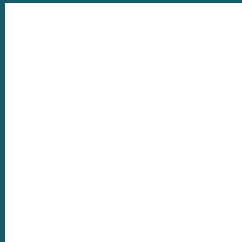
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 21.346, 223.374

Background



This preview shows how black text looks on a background with the CIELCh color 36, 21.346, 223.374.



This preview shows how white text looks on a background with the CIELCh color 36, 21.346, 223.374.

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, 21.465, 223.206

Protanopia

36, 10.600, 285.550

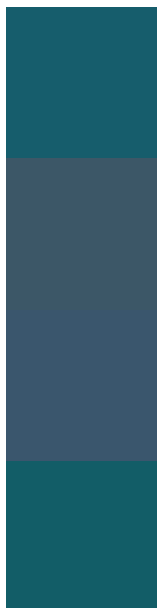
Deuteranopia

36, 16.810, 287.833



Tritanopia
36, 22.112, 208.256

Trichromacy



Original Color
36, 21.465, 223.206

Protanomaly
36, 13.572, 246.116

Deuteranomaly
35, 16.846, 257.596

Tritanomaly
36, 21.570, 213.888

Monochromacy



Original Color
36, 21.465, 223.206

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 10.175, 220.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 21.346, 223.374 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(22, 93, 108)` looks like.

```
.text, #text, p{  
    color:rgb(22, 93, 108)  
}
```

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(22, 93, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 93, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 21.346, 223.374 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(22, 93, 108) }
```

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

```
.border{ border-color:rgb(22, 93, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 93, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 93, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 93, 108);  
box-shadow:4px 4px 4px 4px rgb(22, 93,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 21.346, 223.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 93, 108) }
```

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

```
.background{ background-color: rgb(22, 93,  
108) }
```

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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