

Converting Colors

CIELCh(36, 21.559, 229.480)

Have a look what the booklet for
CIELCh(36, 21.559, 229.480)
contains.

CIELCh(36, 21.507, 229.067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(36, 21.507, 229.067)

Conversions

Conversions Part 1

Format	Color
Hex	185C6E
RGB	24, 92, 110
RGB Percent	9%, 36%, 43%
CMY	0.9049, 0.6386, 0.5680
CMYK	0.78, 0.16, 0.00, 0.57
HSL	193°, 64%, 26%
HSV	193°, 78%, 43%
XYZ	7.0466, 9.0082, 16.1658
YIQ	73.7200, -46.3060, -8.8180

Conversions

Conversions Part 2

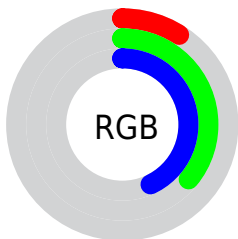
Format	Color
R_{YB}	24, 62, 110
Decimal	1596526
CIE Lab	36.00, -14.09, -16.25
CIE LCh	36, 21.507, 229.067
Yxy	9.0082, 0.2187, 0.2796
Android (android.graphics.Color)	4279786606 (0xFF185C6E)
YUV	73.7200, 17.8860, -43.6044
Hunter-Lab	30.0136, -10.6157, -10.9250

Details

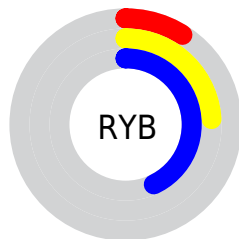
The CIELCh color **36, 21.507, 229.067** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 39.274, 42.361**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 21.644, 230.174**, and **17, 16.270, 241.282** is the 20% darker color. If you saturate the color by 10%, you get **35, 22.628, 231.824**, and if you desaturate by 10%, it is **37, 19.974, 226.842**.

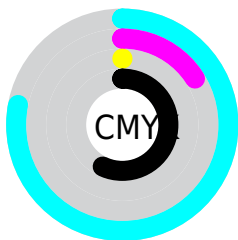
Distribution



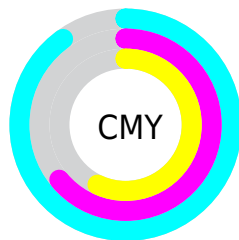
- Red (9%)
- Green (36%)
- Blue (43%)



- Red (9%)
- Yellow (24%)
- Blue (43%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (57%)





- Cyan (90%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 21.507, 229.067 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, 21.507, 229.067 by changing the saturation by 10% instead.


 36, 21.507,
229.067


 36, 21.507,
229.067

 100, 21.507,
229.067


 26, 21.507,
229.067

 56, 21.507,
229.067


 16, 21.507,
229.067


 66, 21.507,
229.067

 6, 21.507, 229.067

 76, 21.507,
229.067

 0, 21.507, 229.067

 86, 21.507,
229.067

 96, 21.507,
229.067

■ 36, 21.507,
229.067

■ 36, 21.507,
229.067

■ 35, 22.628,
231.824

■ 37, 19.974,
226.842

■ 34, 23.492,
234.957

■ 38, 18.017,
225.081

■ 34, 23.673,
235.565

■ 39, 15.654,
223.710

■ 41, 12.920,
222.661

■ 42, 9.862, 221.874

■ 44, 6.531, 221.305

■ 45, 2.975, 220.947

■ 47, 0.761, 40.078

■ 48, 4.635, 40.274

Harmonies

Complementary

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



36, 21.507, 229.067



27, 39.274, 42.361

Rectangle

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



36, 21.507, 229.067



36, 21.507, 279.067



36, 21.507, 49.067



36, 21.507, 99.067

Sweetspot

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



36, 21.506, 229.066



55, 10.163, 221.599



40, 50.638, 142.619



27, 6.926, 221.768



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, 21.506, 229.066



45, 28.076, 234.620



22, 40.167, 289.749



23, 2.120, 220.970



37, 25.162, 235.966



74, 43.268, 238.469

Inverse Universe

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



26, 48.389, 336.153



32, 63.218, 337.859



37, 37.531, 83.672



22, 3.961, 331.365



26, 56.546, 338.268



56, 95.756, 338.981

Previews

White Background



This preview shows how the CIELCh color 36, 21.507, 229.067 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, 21.507, 229.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

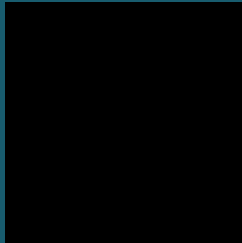
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 21.507, 229.067

Background



This preview shows how black text looks on a background with the CIELCh color 36, 21.507, 229.067.



This preview shows how white text looks on a background with the CIELCh color 36, 21.507, 229.067.

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, 21.507, 229.067

Protanopia

36, 12.479, 285.128

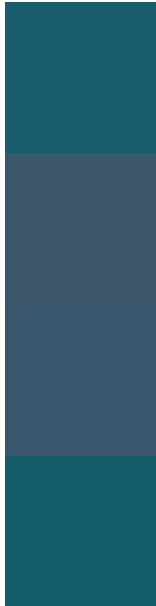
Deuteranopia

36, 18.095, 286.154



Tritanopia
36, 22.211, 208.193

Trichromacy



Original Color
36, 21.507, 229.067

Protanomaly
36, 14.825, 251.972

Deuteranomaly
35, 17.817, 260.356

Tritanomaly
36, 21.599, 215.649

Monochromacy



Original Color
36, 21.507, 229.067

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 10.168, 220.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 21.507, 229.067 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(24, 92, 110)` looks like.

```
.text, #text, p{  
    color:rgb(24, 92, 110)  
}
```

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(24, 92, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 92, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 21.507, 229.067 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(24, 92, 110) }
```

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

```
.border{ border-color:rgb(24, 92, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 92, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 92, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 92, 110);  
box-shadow:4px 4px 4px 4px rgb(24, 92,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 21.507, 229.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 92, 110) }
```

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

```
.background{ background-color: rgb(24, 92,  
110) }
```

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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