

Converting Colors

CIELCh(36, 21.594, 207.407)

Have a look what the booklet for
CIELCh(36, 21.594, 207.407)
contains.

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Color

CIELCh(36, 21.715, 206.797)

Conversions

Conversions Part 1

Format	Color
Hex	135E64
RGB	19, 94, 100
RGB Percent	7%, 37%, 39%
CMY	0.9272, 0.6324, 0.6089
CMYK	0.81, 0.06, 0.00, 0.61
HSL	184°, 69%, 23%
HSV	184°, 81%, 39%
XYZ	6.5273, 9.0082, 13.3850
YIQ	72.2590, -46.6260, -14.0340

Conversions

Conversions Part 2

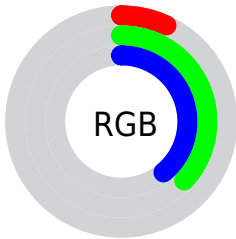
Format	Color
R_{YB}	19, 58, 100
Decimal	1269348
CIE _{Lab}	36.00, -19.38, -9.79
CIE _{LCh}	36, 21.715, 206.797
Yxy	9.0082, 0.2257, 0.3115
Android (android.graphics.Color)	4279459428 (0xFF135E64)
YUV	72.2590, 13.6763, -46.7081
Hunter-Lab	30.0136, -13.7041, -5.4317

Details

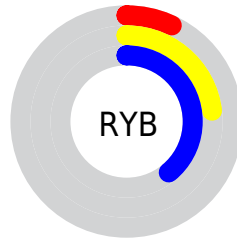
The CIELCh color **36, 21.715, 206.797** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 40.762, 35.414**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 21.887, 206.563**, and **17, 14.725, 213.454** is the 20% darker color. If you saturate the color by 10%, you get **36, 22.496, 207.581**, and if you desaturate by 10%, it is **36, 20.474, 206.211**.

Distribution



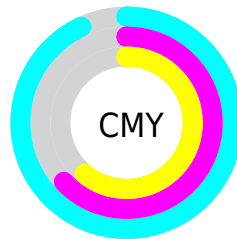
- Red (7%)
- Green (37%)
- Blue (39%)



- Red (7%)
- Yellow (23%)
- Blue (39%)



- Cyan (81%)
- Magenta (6%)
- Yellow (0%)
- Black (61%)





- Cyan (93%)
- Magenta (63%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 21.715, 206.797 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, 21.715, 206.797 by changing the saturation by 10% instead.


 36, 21.715,
206.797


 36, 21.715,
206.797

 100, 21.715,
206.797


 26, 21.715,
206.797

 56, 21.715,
206.797


 16, 21.715,
206.797


 66, 21.715,
206.797

 6, 21.715, 206.797

 76, 21.715,
206.797

 0, 21.715, 206.797

 86, 21.715,
206.797

 96, 21.715,
206.797

■ 36, 21.715,
206.797

■ 36, 21.715,
206.797

■ 36, 22.496,
207.581

■ 36, 20.474,
206.211

■ 35, 23.041,
208.296

■ 37, 18.762,
205.809

■ 38, 16.597,
205.566

■ 38, 14.015,
205.463

■ 39, 11.063,
205.480

■ 40, 7.795, 205.600

■ 41, 4.266, 205.823

■ 42, 0.529, 206.631

Harmonies

Complementary

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



36, 21.715, 206.797



22, 40.762, 35.414

Rectangle

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



36, 21.715, 206.797



36, 21.715, 256.797



36, 21.715, 26.797



36, 21.715, 76.797

Sweetspot

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



36, 21.715, 206.796



51, 10.770, 205.549



36, 52.393, 138.819



26, 7.392, 205.517



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



36, 21.715, 206.796



46, 27.671, 208.490



23, 31.290, 280.546



21, 2.157, 205.900



41, 25.413, 208.511



82, 43.880, 209.328

Inverse Universe

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



24, 50.322, 330.540



30, 65.890, 331.242



31, 34.474, 71.598



20, 4.021, 326.943



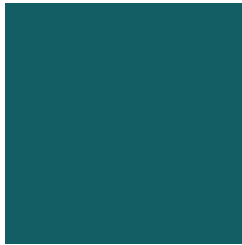
26, 60.635, 331.269



56, 104.799, 331.469

Previews

White Background



This preview shows how the CIELCh color 36, 21.715, 206.797 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, 21.715, 206.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

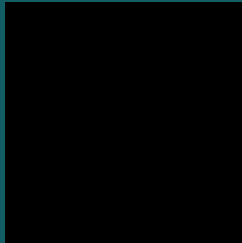
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 21.715, 206.797

Background



This preview shows how black text looks on a background with the CIELCh color 36, 21.715, 206.797.



This preview shows how white text looks on a background with the CIELCh color 36, 21.715, 206.797.

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, 21.715, 206.797

Protanopia

36, 5.603, 286.922

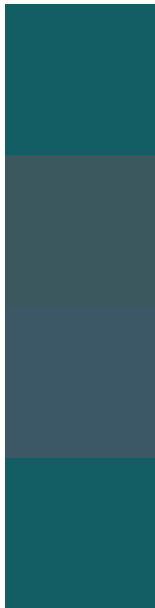
Deuteranopia

36, 11.831, 294.000



Tritanopia
36, 21.550, 208.621

Trichromacy



Original Color
36, 21.715, 206.797

Protanomaly
36, 11.207, 221.202

Deuteranomaly
35, 12.819, 241.632

Tritanomaly
36, 21.672, 208.541

Monochromacy



Original Color
36, 21.715, 206.797

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 10.530, 204.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 21.715, 206.797 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(19, 94, 100)` looks like.

```
.text, #text, p{  
    color:rgb(19, 94, 100)  
}
```

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(19, 94, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 94, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 21.715, 206.797 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(19, 94, 100) }
```

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

```
.border{ border-color:rgb(19, 94, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 94, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 94, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 94, 100);  
box-shadow:4px 4px 4px 4px rgb(19, 94,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 21.715, 206.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 94, 100) }
```

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

```
.background{ background-color: rgb(19, 94,  
100) }
```

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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