

Converting Colors

CIELCh(36, 22.706, 189.032)

Have a look what the booklet for
CIELCh(36, 22.706, 189.032)
contains.

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Color

CIELCh(36, 22.513, 190.134)

Conversions

Conversions Part 1

Format	Color
Hex	185E5A
RGB	24, 94, 90
RGB Percent	9%, 37%, 35%
CMY	0.9076, 0.6298, 0.6456
CMYK	0.75, 0.00, 0.04, 0.63
HSL	177°, 60%, 23%
HSV	177°, 75%, 37%
XYZ	6.2651, 9.0082, 11.1667
YIQ	72.6140, -40.4360, -16.0840

Conversions

Conversions Part 2

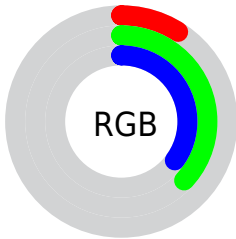
Format	Color
R_{YB}	24, 60, 94
Decimal	1597018
CIE Lab	36.00, -22.16, -3.96
CIE LCh	36, 22.513, 190.134
Yxy	9.0082, 0.2370, 0.3407
Android (android.graphics.Color)	4279787098 (0xFF185E5A)
YUV	72.6140, 8.5713, -42.6345
Hunter-Lab	30.0136, -15.2633, -1.0496

Details

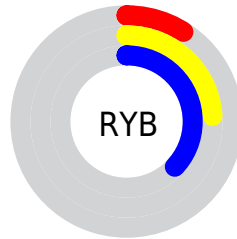
The CIELCh color **36, 22.513, 190.134** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 35.987, 26.557**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 22.387, 189.881**, and **17, 15.731, 191.118** is the 20% darker color. If you saturate the color by 10%, you get **36, 23.866, 189.515**, and if you desaturate by 10%, it is **36, 20.705, 190.736**.

Distribution



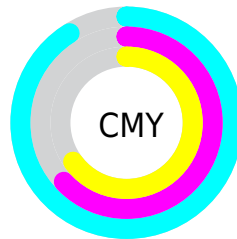
- Red (9%)
- Green (37%)
- Blue (35%)



- Red (9%)
- Yellow (24%)
- Blue (37%)



- Cyan (75%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)




- Cyan (91%)
- Magenta (63%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 22.513, 190.134 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, 22.513, 190.134 by changing the saturation by 10% instead.


 36, 22.513,
190.134


 36, 22.513,
190.134

 100, 22.513,
190.134


 26, 22.513,
190.134

 56, 22.513,
190.134


 16, 22.513,
190.134


 66, 22.513,
190.134

 6, 22.513, 190.134

 76, 22.513,
190.134

 0, 22.513, 190.134

 86, 22.513,
190.134

 96, 22.513,
190.134

■ 36, 22.513,
190.134

■ 36, 22.513,
190.134

■ 36, 23.866,
189.515

■ 36, 20.705,
190.736

■ 36, 24.851,
188.882

■ 37, 18.453,
191.334

■ 36, 25.326,
188.582

■ 37, 15.788,
191.934

■ 38, 12.754,
192.543

■ 38, 9.405, 193.165

■ 39, 5.797, 193.808

■ 40, 1.985, 194.544

■ 40, 1.979, 14.864

■ 41, 6.050, 15.614

Harmonies

Complementary

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



36, 22.513, 190.134



21, 35.987, 26.557

Rectangle

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



36, 22.513, 190.134



36, 22.513, 240.134



36, 22.513, 10.134



36, 22.513, 60.134

Sweetspot

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



36, 22.513, 190.133



49, 10.735, 193.250



35, 48.509, 137.165



24, 7.309, 193.095



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 22.513, 190.133



46, 29.573, 189.022



26, 22.437, 263.426



20, 2.236, 194.231



42, 28.633, 188.426



86, 50.221, 187.950

Inverse Universe

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



21, 35.987, 26.557



25, 53.063, 32.993



27, 30.255, 60.352



18, 2.343, 15.244



22, 53.456, 34.853



50, 97.573, 38.328

Previews

White Background



This preview shows how the CIELCh color 36, 22.513, 190.134 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, 22.513, 190.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

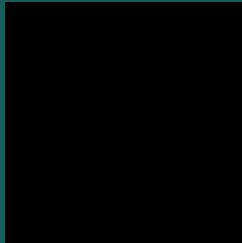
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 22.513, 190.134

Background



This preview shows how black text looks on a background with the CIELCh color 36, 22.513, 190.134.



This preview shows how white text looks on a background with the CIELCh color 36, 22.513, 190.134.

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, 22.357, 190.109

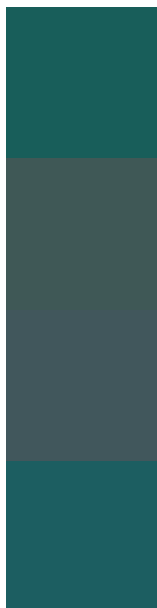
Protanopia
36, 0.858, 19.184

Deuteranopia
36, 7.471, 314.129



Tritanopia
36, 19.850, 209.842

Trichromacy



Original Color
36, 22.357, 190.109

Protanomaly
35, 10.052, 190.894

Deuteranomaly
35, 8.992, 218.749

Tritanomaly
36, 20.619, 202.100

Monochromacy



Original Color
36, 22.357, 190.109

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 10.490, 190.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 22.513, 190.134 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, 94, 90)` looks like.

```
.text, #text, p{  
    color:rgb(24, 94, 90)  
}
```

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, 94, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 94, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 22.513, 190.134 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, 94, 90) }
```

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

```
.border{ border-color:rgb(24, 94, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 94, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 94, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 94, 90);  
box-shadow:4px 4px 4px 4px rgb(24, 94, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 22.513, 190.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 94, 90) }
```

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

```
.background{ background-color: rgb(24, 94,  
90) }
```

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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