

## Chart Data Understanding

What is the Ronaldo's Shooting ability score in the chart?

His shooting ability is rated at **90**.



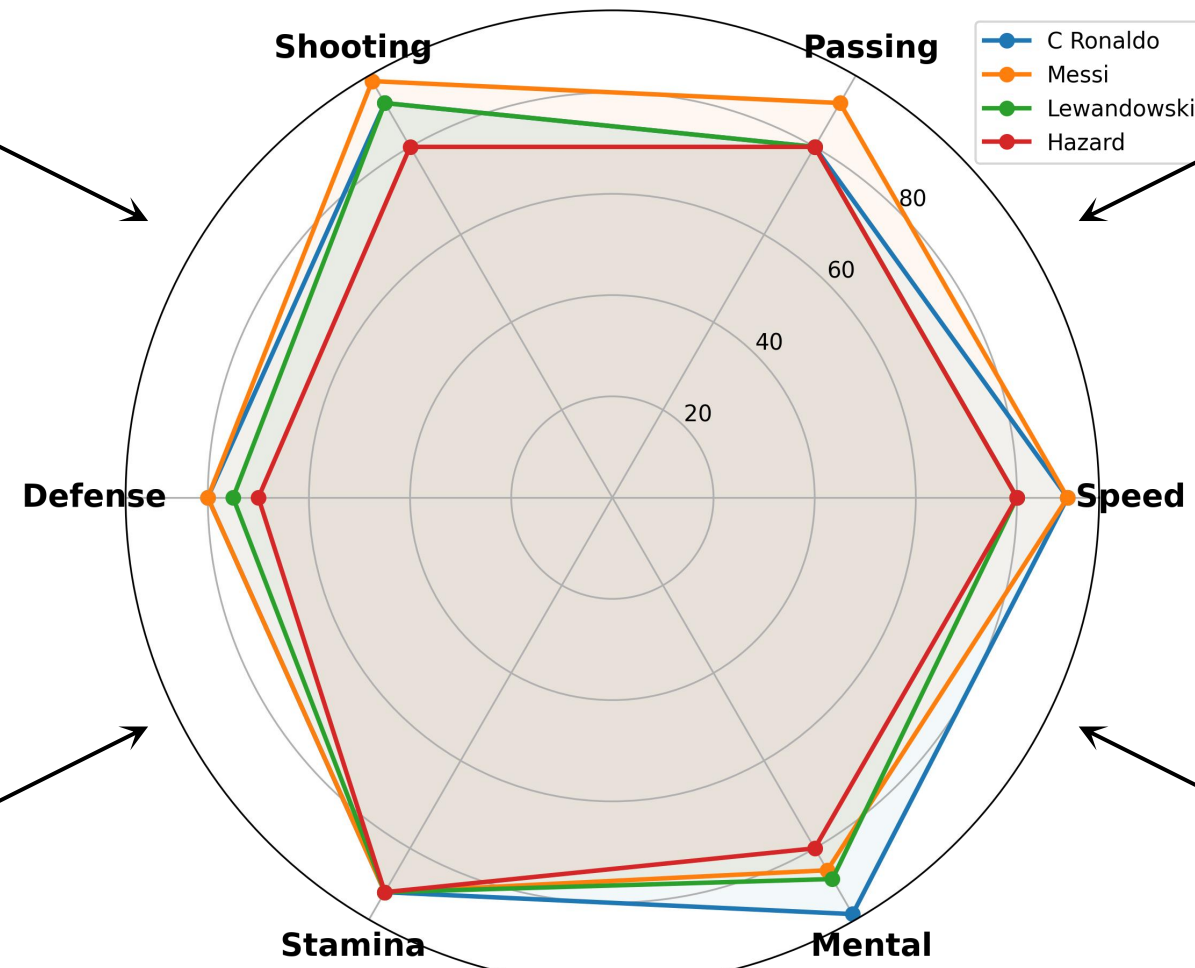
## Chart Summarization and Analysis

What kind of insights can you gain from comparing these striker players' abilities?

Overall, Messi and C Ronaldo have **more balanced abilities**. To reach the same level, Lewandowski and Hazard need to improve in certain aspects like **Speed, Shooting, and...**



## Radar Chart Analysis of Top Strikers



## Chart Visual Understanding

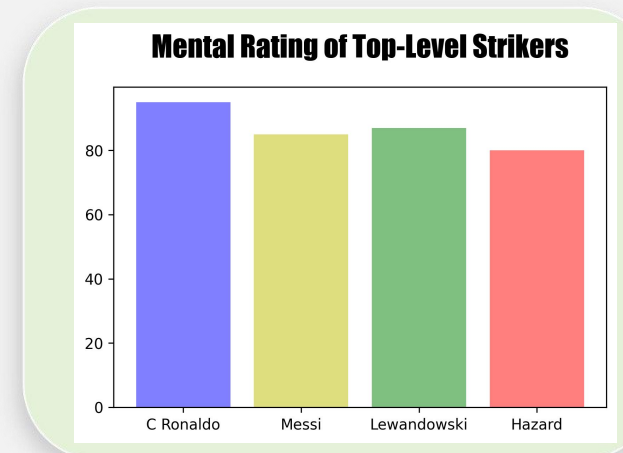
What color is used in the figure to represent the ability score of Messi?

**Yellow.**



## Chart Generation

Draw a bar chart about the players' mental ability.



## Diverse Tasks

### Chart Data Understanding

- Data Identification
- Data Comparison
- Data Extraction with Condition
- Data Referring

### Chart Visual Understanding

- Color Recognition
- Style Detection
- Chart Classification
- Visual Elements Identification
- Text Extraction

### Chart Summarization and Analysis

- Chart Pattern Recognition
- Chart Analysis
- Chart Summarization

### Chart Generation

- Chart Blueprint
- Chart Type Conversion
- Table to Chart Generation

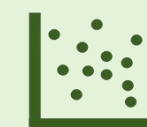
## Various Types of Charts



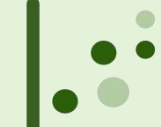
Single-Class  
Lineplot



Multi-Class  
Lineplot



Single-Class  
Scatter



Multi-Class  
Scatter



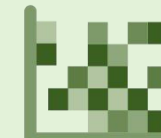
Single-Class  
Bar



Multi-Class  
Bar



Univariate  
Histogram



Bivariate  
Histogram



Pie



Ring



Rose



Radar



Box



Heatmap



Sankey



Knowledge  
Graph



Word  
Cloud



Table